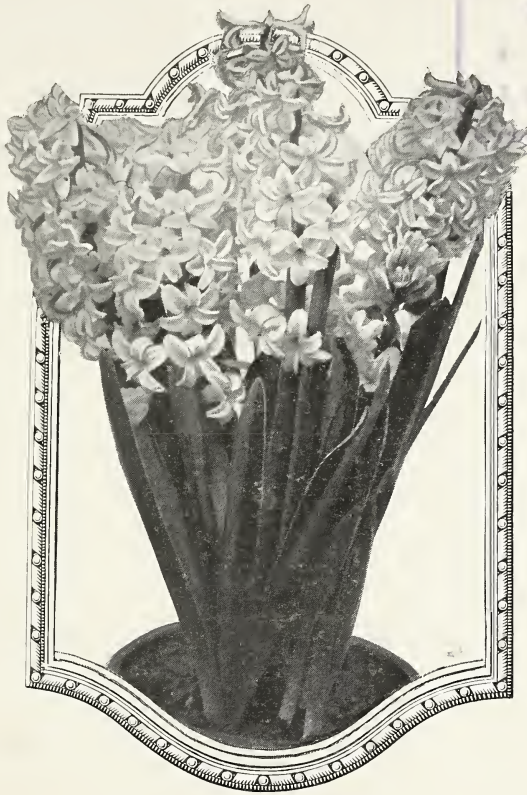


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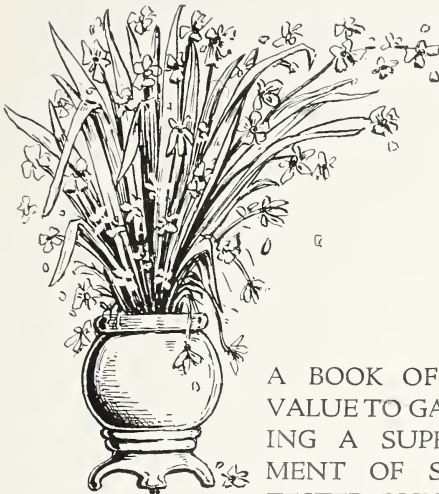
THORBURN'S BULBS

1919

J.M.THORBURN & COMPANY

FOUNDED 1802

53 BARCLAY ST.through to 54 PARK PLACE
NEW YORK



BULBS
AND
SEEDS

A BOOK OF EXCEPTIONAL
VALUE TO GARDENERS SEEK-
ING A SUPERIOR ASSORT-
MENT OF SELECTED AND
TESTED BULBS, FLOWERING
ROOTS AND SEEDS FOR
FALL PLANTING.

SEASON 1919

J. M. THORBURN & CO.

FOUNDED 1802

53 BARCLAY STREET

through to

54 PARK PLACE

NEW YORK



Important Information

IN this, our Annual Catalog of Bulbs, Seeds, etc., for Fall Planting, customers and friends of the house of THORBURN will find an assortment of choice products worthy of especial consideration.

Though the ruling of the Federal Horticultural Board (Quarantine No. 37) has prohibited the importing of many Bulbs, our 1919 line offers a wide variety—all of the highest quality. We are confident your selection from this line will leave nothing to be desired.

However, should you desire any varieties not shown, send us a list of your requirements, and we will gladly procure them for you, should the embargo on importations be removed.

Bulbs may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of blooms can be had from December until May. The finest outdoor displays of the early Spring months are also from bulbs planted in the Autumn. The cultural directions found under the respective headings are worthy of careful attention.

Our bulbs are all SELECTED FIRST SIZE TOP ROOTS, coming from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation, and often sold at auction and otherwise, at very low prices.

NAME AND ADDRESS. *We often receive orders with either the*

name or the address of the sender omitted. As we can do nothing with such orders, the customer thinks his order is being neglected. We therefore beg our correspondents to be careful to write on each order their name and full address.

ORDERS should be sent as soon as possible after receipt of this catalogue. *The bulbs will be shipped in proper time for planting. They are ready from August to November, according to the time of ripening and the country from which they come.* Orders received earliest are sure of being filled in full. If left too late, the supply of some of the varieties may be exhausted, the supply of Holland Bulbs being short this season.

Prices, as will be seen upon comparison with others, are as low as Highest Grade Bulbs

can be sold at, and do not include transportation.

We indicate under each heading of the various Bulbs the mailing weight when packed, so that if wanted by parcel post, our Customers can determine the amount required to be added for postage according to Zone rate, as per table below.

The weights given are those taken from our stock last year, and may vary in some instances; should there be any difference in weight when orders are filled, the postage will be adjusted, and any amounts overremitted will be returned.

Large packages can be sent by express, in most cases, cheaper than by mail.

PARCEL-POST ZONE RATES
Within the United States

Zone	Within	1st. lb.	Additional or lb. or frac-fraction
1st.	50 miles of N. Y. City.....	5c	1c
2d.	50 to 150 miles of N. Y. City...	5c	1c
3d.	150 to 300 miles of N. Y. City..	6c	2c
4th.	300 to 600 miles of N. Y. City..	7c	4c
5th.	600 to 1,000 miles of N. Y. City	8c	6c
6th.	1,000 to 1,400 miles of N. Y. City.....	9c	8c
7th.	1,400 to 1,800 miles of N. Y. City.....	11c	10c
8th.	1,800 and over miles of N. Y. City.....	12c	12c

Maximum weight, 70 lbs. to 1st, 2nd and 3d zones, and 50 lbs. from the 4th zone upward.

Postage on packages under 8 ounces, 1c. for each 2 ounces or fraction; above 8 ounces, Zone rates apply.

Postage to Canada, 12c per pound or fraction, maximum weight, 4 pounds, 6 ounces.

J. M. Thorburn & Co. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Please address all orders and remittances to

J. M. THORBURN & CO.

Founded 1802

53 Barclay Street through to 54 Park Place
NEW YORK

HYACINTHS

If to be sent by mail, add postage at zone rates.

THE HYACINTH is one of the most popular and beautiful spring flowering plants for indoor and outdoor decoration. By careful management in keeping up a succession, it may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground it is unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height, and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to anyone suitable sorts, when desired.

OUTSIDE CULTURE. In this section, October is the month to plant Hyacinths outside. They succeed best in a light soil and a sunny situation. If the soil is naturally heavy, some sand should be mixed with it, and if the beds have been occupied with other plants throughout the summer, some well-rooted cow manure should be added. The soil should be well dug to a depth of 14 inches, and raised from 2 to 4

inches above the level of the walk. The bulbs should be planted evenly, about 6 inches deep to the bottom of the bulb, and from 6 to 7 inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly.

Care must be taken not to press the earth too firmly around and over the bulbs. Some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After the ground has been frozen in early winter, cover with a few inches of dry litter, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field-mice which may burrow into it.

CULTURE IN POTS. For growing in pots, large, selected, named varieties should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibrous loam and manure in about equal parts, with some river sand intermixed. The pots should be filled lightly, and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should then be buried in the open ground to the depth of 6 inches, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house where the warmth will soon bring them into flower. Where succession is desired, it is best to pot at intervals from September to the end of November. Plenty of water should be applied, and manure-water is beneficial after the flower-spikes appear.

CULTURE IN GLASSES. Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rainwater should be used, and a little charcoal might be placed in it to keep it pure. The glasses should be kept in a cool, dark closet for ten or twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do not place them near gaslight. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

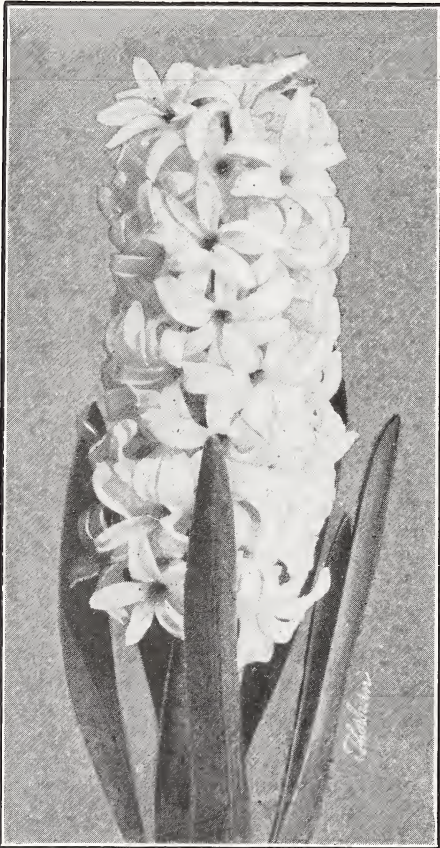
Customers unacquainted with the different varieties will do well to leave the selection to us, only specifying in their order whether bulbs are wanted for pot, glass or garden culture.

We invite special attention to the assortment of Named Hyacinths of our selection offered on page 5, and to the Hyacinth Glasses which are quoted at the end of the catalogue.

The names of our Hyacinths and Tulips quoted at the end of the catalogue are those given to them by the originators in Holland, and they are not sold under fancy names manufactured in this country.

SELECT NAMED DUTCH HYACINTHS

N. B. Our Select Named Hyacinths are the cream of the Holland nurseries—and are called **TOP-ROOTS**—under their original



Single Hyacinth, Gertrude

names. For forcing in pots or for outdoor beds they far surpass the class of Bulbs usually sold.

The single-flowered varieties are generally more effective and better for forcing than the double ones. They also, as a rule, succeed better in glasses.

The double varieties that do well for forcing in water are distinguished by two asterisks (**).

All varieties indicated in heavy faced type have ranked first at exhibitions abroad, producing large and many blooms.

PRICE, each, 25c; per 10, \$1.75; per 100, \$15.00.

Not less than five of one kind sold at the ten rate; or 25 of any one kind at the 100 rate.

If to be sent by mail, add postage at zone rates—weight, 3 pounds per 10.

Single bulbs mailed free.

NAMED SINGLE RED, CRIMSON AND PINK HYACINTHS

Cardinal Wiseman, bright rose, fine broad spike.

Gertrude, bright pink, fine compact spike, one of the best for all in-or out-of-doors.

LA VICTOIRE, deep scarlet red, fine spike, good exhibition variety.

Lady Derby, bright rose-pink, very large spike, fine for pots.

Moreno, deep rosy pink, large broad spike.

Robert Steiger, fine deep crimson.

NAMED DOUBLE RED, CRIMSON AND PINK HYACINTHS

Bouquet Royal, rose, dark center, large spike.

President Roosevelt, deep rose, fine bulb, large compact spike.

NAMED SINGLE BLUSH AND PURE WHITE HYACINTHS

ALBERTINE, pure white, early, fine forcer.

GRANDEUR, A MERVEILLE, rosy white, large well-formed spike.

LA GRANDESSE, pure white, extra, fine exhibition sort.

NAMED DOUBLE BLUSH AND PURE WHITE HYACINTHS

BOUQUET ROYAL, pure white, large spike.

****Isabella**, blush white, splendid spike.

NAMED SINGLE BLUE HYACINTHS

GRAND MAITRE, large truss, deep porcelain-blue, extra fine.

KING OF THE BLUES, dark blue, extra large spike.

QUEEN OF THE BLUES, pale azure blue, fine large spike.

NAMED DOUBLE BLUE HYACINTHS

****BLOKSBERG**, light blue, large spike.

****General Kohler**, bright blue, large spike.

NAMED SINGLE LILAC AND MAUVE HYACINTHS

LORD BALFOUR, purple, large spike.

Mauve Queen, purple, fine truss.

NAMED SINGLE YELLOW AND ORANGE HYACINTHS

KING OF THE YELLOWS, bright yellow, handsomely compact spike.

YELLOW HAMMER, golden yellow, good spike, early.

NAMED DOUBLE YELLOW AND ORANGE HYACINTHS

****Goethe**, pale yellow, good spike.

Bouquet d'Orange, reddish orange, good spike.

COLLECTION OF DUTCH HYACINTHS, OUR SELECTION

Postage extra. Mailing weight, 3 pounds.

No. 1. 10 Named Hyacinths, for house culture in pots and glasses, each collection, \$1.60.

MIXED DUTCH HYACINTHS, IN SEPARATE COLORS, EXTRA QUALITY

Largest bulbs. Suitable either for forcing or bedding.

If to be sent by mail, add postage at zone rates—2 pounds, 10; 16 pounds, 100.

Our Mixed Hyacinths should not be confounded with the small-sized, low-priced



Single Hyacinth, Albertine



Roman Hyacinth

MIXED HYACINTHS—Continued

mixtures often sold. Our bulbs are all of the largest size, 15 to 16 c.m. Being furnished in so many separate colors, splendid bedding effects may be produced with them. They are also admirably adapted for forcing in the greenhouse for winter cut-flowers.

NOT LESS THAN 50 OF A COLOR AT 100 RATE

Single Dark Red.....	} \$0 90 \$8 00
Single Rose and Pink. All shades.....	
Single Red. All shades.....	
Single Pure White.....	
Single Blush-White.....	
Single White. All shades.....	
Single Dark Blue.....	
Single Light Blue.....	
Single Blue. All shades.....	
Single Yellow. All shades.....	
Single MIXED COLORS.....	
Double Dark Red.....	
Double Rose and Pink. All shades.....	
Double Red. All shades.....	
Double Pure White.....	
Double Blush-White.....	
Double White. All shades.....	
Double Dark Blue.....	
Double Light Blue.....	
Double Blue. All shades.....	
Double Yellow. All shades.....	
Double MIXED COLORS.....	

10 100

FRENCH ROMAN HYACINTHS

Mailing weight, 2 pounds per 10.

Extensively used by florists for forcing for cut-flowers. For this purpose they are the best and

ROMAN HYACINTHS—Continued

most popular of bulbs. The flowers are delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter.

Pure White. Largest size.

If obtainable. At time of going to press it is doubtful if we shall get any this season.....

Each 10 100
\$0.20 \$1.75 \$15.00

TULIPS

If to be sent by mail, add postage at zone rates.

For beauty of form and brilliancy of coloring, Tulips are unequalled. For bedding they are the most popular and effective of all hardy bulbous plants. In order to assist our customers in selecting varieties of tulips for beds in borders, etc., we give herewith a list of the most popular varieties, in Early, and Late sorts. The height of stem is indicated as "tall" and "medium." The varieties indicated in heavy faced type are choice and are highly recommended. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot culture and forcing for winter cut-flowers they are also invaluable.

CULTURE. The cultural direction given for hyacinths, on page 3, are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. To obtain the best results it is desirable that they should not be planted in ground where Tulips were grown the previous year. We recommend **early planting** so that the bulbs may obtain a good root growth before the frost sets in. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open ground.

SINGLE EARLY TULIPS

Not less than five of a kind sold, unless otherwise specified; 50 of a kind at 100 rate.

If to be sent by mail, add postage at zone rates—2 pounds, 10; 9 pounds 100.

A and B indicates seasons of flowering. A and B may be planted to flower about the same time in the open ground; B being a trifle later.

A	Belle Alliance (Waterloo). Rich scarlet, medium. Fine forcer or bedder.....	10	100	1000
		\$0 55	\$5 00	\$48 00
B	Brutus. Red and orange; medium.....	50	4 50	42 00
A	Chrysolora. Splendid; pure yellow; medium. Good forcer or bedder..	55	5 00	48 00
B	Cottage Maid. Beautiful rose, flushed white; medium. For forcing or bedding.....	50	4 50	42 00
A	Crimson King (Roi Cramoisi). Bright crimson; fine; medium.....	50	4 50	42 00
A	Jenny. Deep cherry; fine shape; medium....	80	7 50	
B	Keizerkroon. Crimson, Yellow border, tall, fine forcer or bedder.....	45	4 00	
A	LADY BOREEL, purest white, large flower, a grand tulip for exhibition, finest white for bedding; tall.....	60	5 50	
A	La Reine. Rosy white; medium. Fine forcer....	60	5 50	
B	LA GRANDEUR. Bright scarlet; tall; one of the most beautiful Tulips.....	70	6 50	60 00
A	L'Immaculee. Pure white; medium. Very fine forcer; early.....	50	4 50	42 00
B	PINK BEAUTY. Deep glowing rose, with white flush outside; very handsome; medium....	90	8 50	
A	PROSPERITY. Delicate rose-pink; medium.	65	6 00	
B	RISING SUN. Large flower on tall stem. Color deep golden yellow. Tall, each, 30 cts.....	2 50		
B	Rose Gris - de - Lin. Delicate rose, flushed white, medium. Fine forcer and bedder.....	50	4 50	
A	SIR THOMAS LIP-TON, extra brilliant scarlet, a very fine new variety, fine for forcing or bedding; tall.....	60	5 50	
A	White Hawk. Large; pure white; medium. Fine for forcing.....	55	5 00	
	MIXED EARLY SINGLE, Thorburn's Special Mixture. Extra choice	40	3 50	30 00



Single Early Tulip, Pink Beauty

flowers of perfect form. They will be found invaluable for garden work. Splendid for cutting rather than for design bedding.

Bouton d'Or (Ida). Pure deep yellow; very beautiful; fine for cutting..... **10** **100**
\$0.35 \$2.75

Bridesmaid (Maid of Holland) Cherry-rose, flaked white..... 35 3 25

Gesneriana major. Scarlet with blue base; effective in beds; fine for cutting..... 40 3 50

INGLESCOMBE PINK. Delicate rose-pink..... 35 3 00

INGLESCOMBE SCARLET. Intense scarlet, black base..... 40 3 50

INGLESCOMBE YELLOW. Large globular flowers, glossy canary-yellow. Very handsome, known as the "Yellow Darwin" Tulip; fine for borders and for cutting..... 35 3 25

Isabella (Blushing Bride, or Shandon Bells). Cream, turning carmine rose; fine late sort..... 35 2 75

MOONLIGHT. Large, pale yellow, elongated flower; fine for any outdoor purpose and for late pot culture..... 60 5 50

Picotee (Maiden's Blush). White with rose edge..... 35 2 75

Sweet Nancy. White, edged rose. 35 3 25

MIXED SINGLE LATE. A fine mixture, per 1,000, \$20..... 25 2 25

SINGLE LATE FLOWERING and COTTAGE TULIPS

50 of a kind at 100 rate.

If to be sent by mail, add postage at zone rates—2 pounds 10; 9 pounds 100.

These are all tall-growing May-flowering Tulips with very large, most brilliantly colored

DOUBLE TULIPS

50 at 100 rate.

If to be sent by mail, add postage at zone rates—1 pound 10; 5 pounds 100.

The Double Tulips come into bloom a little



Murillo

DOUBLE TULIPS—Continued

later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single ones. Some sorts are quite dwarf. Comparative earliness of flowering is indicated by the letters A, B, C. "Medium" and "tall" indicate relative height.

- | | | | |
|---|--|--------|--------|
| A | BOULE DE NEIGE. Large pure white, fine double flower; medium..... | 10 | 100 |
| | | \$0 40 | \$3 50 |
| A | Couronne d'Or. Beautiful orange-yellow; large, handsome flower; medium. Fine forcer.. | 70 | 6 50 |
| B | Duke of York. Violet, white border; tall..... | 40 | 3 50 |
| B | Gloria Solis. Scarlet red, yellow bordered..... | 45 | 4 00 |
| A | HARLEQUIN. Pink-feathered carmine, medium..... | 80 | 7 50 |
| B | Imperator rubrorum. Rich crimson-scarlet; early; tall. Fine forcer..... | 70 | 6 75 |
| B | La Grandesse. Deep rose.... | 40 | 3 75 |
| A | Murillo. Blush-white; medium. Fine for forcing; early.... | 50 | 4 50 |
| B | Rubra maxima. Deep red; splendid flower; medium. Early forcer..... | 55 | 5 00 |
| A | Tournesol. Red, yellow edge, earliest; medium..... | 75 | 7 00 |
| A | Tournesol. Yellow. Orange-shaded; very early..... | 65 | 6 00 |
| C | Yellow Rose. Pure golden yellow; late-flowering; sweet-scented; tall..... | 40 | 3 75 |
| | MIXED DOUBLE, Thorburn's Special Mixture, per 1000, | 35 | 3 25 |
| | | \$30. | |

DARWIN TULIPS

If to be sent by mail, add postage at zone rates—1 pound 10; 6 pounds 100.

Too much cannot be said in praise of this class of Tulip and now that the prices have become moderate, everyone should have them. They excel in brilliancy of color, perfect form of flower, tall, strong stems, splendid for cutting, planted in groups amongst shrubs, and in the perennial border they cannot be surpassed; they are all single and self-colored.

- | | | |
|---|--------|--------|
| CLARA BUTT. Beautiful salmon-rose. Good forcer..... | 10 | 100 |
| | \$0 35 | \$3 00 |
| Donders. Dark blood red, blue black and white center..... | 35 | 3 00 |
| DREAM. Beautiful lilac..... | 55 | 5 00 |
| EDMEE. Deep cherry rose, Silvery pink edges, beautiful..... | 55 | 5 00 |
| Edouard Andre. Outside purple, inside mauve..... | 50 | 4 50 |
| ERGUSTE. Dark heliotrope, inside violet, white base, very fine. | 45 | 3 75 |
| Flamingo, delicate rose, pointed flower. One of the finest Darwins..... | 90 | 8 50 |
| Gretchen. (Margaret) Blush white; good forcer..... | 40 | 3 50 |
| Kate Greenaway. White and lilac..... | 40 | 3 50 |
| LA TULIPE NOIRE. The finest black tulip, large flower with a velvety sheen; fine form..... | 60 | 5 25 |
| Loveliness. Rosy carmine..... | 35 | 3 00 |
| Mr. Farncombe Sanders. Scarlet and white..... | 55 | 5 00 |
| MRS. KRELAGE. Rose pink, tinted lilac; large flower..... | 50 | 4 50 |
| MRS. POTTER PALMER. Glowing purple..... | 45 | 4 00 |
| Nora Ware. Heliotrope; very fine. | 40 | 3 50 |



Clara Butt

Pride of Harlem. Old-rose; large flower.....	50	4	50
Queen of Roses. Rose; shaded blush; extra.....	45	3	75
Rev. Ewbank. Heliotrope lilac, with paler edge.....	45	4	00
Salmon King. Fiery salmon; one of the brightest shades.....	40	3	50
SUZON. Large buff rose, deeper shade inside, blue base.....	50	4	50
The Sultan. Glossy maroon-black.....	35	3	00
White Queen. White passing to pink.....	40	3	50
W. COPELAND. (Sweet Lavender.) The best Early forcing Darwin Tulip. When forced color is a delicate lavender, not recommended for outdoors, color in the open is rosy lilac.....	1	10	10 00
ZULU. Dark purplish black; fine for borders.....	90	8	00
MIXED DARWINS. Self colored. Per 1000, \$28.....	35	3	00

MIXED TULIPS

Not less than fifty of a kind at 100 rate. (Mailing weight, 1 pound 10; 8 pounds 100.)

For bedding. Planted in large masses, these make a magnificent show, and, being inexpensive, should be largely used. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

Fine Mixed EARLY SINGLE Thorburn's Special Mixture. Extra choice.....	10	100	1000
	\$0 40	\$3 50	\$30 00
Fine Mixed DOUBLE Thorburn's Special Mixture. Extra choice.....	35	3	25 30 00
Fine Mixed DARWIN. Single; late; self-colored. Thorburn's special mixture.....	35	3	00 28 00
Fine Mixed SINGLE; late, May-flowering. Thorburn's Special Mixture.....	25	2	25 20 00

CHOICE COLLECTIONS OF TULIPS

Our Selection

Mailing weight, 1 pound 10; 8 pounds 100.

No. 1. 10 Named Early Single Tulips. In 10 varieties, for house culture or bedding.....	\$0	55
No. 2. 25 Named Tulips, in 10 varieties. 1 25		
No. 3. 50 Named Tulips, in 10 varieties. 2 40		
No. 4. 100 Named Tulips, in 10 varieties. 4 00		

NARCISSUS

Narcissus are ready for delivery in September.

Narcissus are among the most popular and largely grown of spring-flowering bulbs, and deservedly, too. Their exquisite grace, beauty and charm of habit have been immortalized in



Grandis Narcissus

the poetry of all times. No garden should be without them.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for planting by the sides of streams, lakes or ponds, and in mixed flower—or shrubbery—borders. They are also suitable for naturalizing in the grass, by the side of woodland walks, or in open spaces between trees and shrubs.

For growing in pots they require about the same treatment as hyacinths, three or four bulbs in a 5-inch pot. Some of the varieties are grown in large numbers by florists for winter cut-flowers. With the exception of the Polyanthus section, they are all perfectly hardy.

SINGLE NARCISSUS, or DAFFODILS

All largest size bulbs.

If to be sent by mail, add postage of zone rates as per weights indicated.

Large Crown, or Trumpet Narcissus

The varieties belonging to this division have trumpets or crowns that are as long as, or longer than, the perianth segments.

Bicolor

Empress. One of the largest and most beautiful; white perianth and rich golden yellow trumpet. An excellent forcer, largest Mother Bulbs... 3 pounds, 10..	10	100
Grandis. White perianth, yellow trumpet; later than Empress, 2 pounds, 10.....	75	6 50
	50	4 50

NARCISSUS—Continued	10	100
Princeps. Sulphur-yellow perianth and deep yellow trumpet; long, handsome flowers. Valuable for forcing or outdoor culture. A splendid variety. Largest Mother Bulbs. 2 lbs., 10.	60	5 00
Victoria. Creamy white perianth, rich yellow, fluted trumpet. Largest Mother Bulbs. 2 lbs., 10	85	7 50

Yellow

Emperor. Large, golden yellow trumpet, deep primrose perianth. One of the best Daffodils for medium and late forcing. It is very free-flowering, with large, solid flowers of great substance. Largest Mother Bulbs. 3 lbs., 10	75	6 50
Golden Spur. Uniform deep golden yellow. Most popular of the single Narcissus, owing to its earliness and the substance and beauty of its flowers. Largest Mother Bulbs. 2 lbs. 10, fine forcer.....	75	6 50
Major (Trumpet Major). Pure yellow. The old variety. Earliest forcing. 1 lb., 10.....	45	4 00
Spurius (Single Von Sion). Pure yellow; large, expanded trumpet. Excellent for forcing. 3 lbs., 10	45	4 00

SHORT TRUMPET

NARCISSUS

Barri

Narcissus belonging to this group are crosses between yellow Trumpets and Poeticus. The



Golden Spur Narcissus

crown usually is not over one-third the length of the perianth. Excellent for naturalizing.

ALBATROSS. Perianth white, pale lemon cup frilled and edged glowing orange red, beautiful. . .	\$0 60	\$5 00
CONSPICUUS. Broad yellow perianth, broad short cup, edged bright orange-scarlet; very free bloomer.....	45	4 00
LADY GODIVA. Perianths white cup broad; yellow edged, bright orange-scarlet.....	40	3 50
Sea Gull. Large spreading white perianth, cup canary, edged apricot; very charming flower.....	60	5 00

INCOMPARABILIS

These are crosses between the yellow trumpet, and Poeticus but the crowns are larger than those of the Barri group, sometimes being three-quarters of the length of a perianth segment. The color of the perianth is either yellow or white.

Beauty, perianth sulphur, barred yellow, large cup margined orange-scarlet. 2 lbs., 10.....	\$0 60	\$5 00
Simplex. Single; yellow; Early. Fine for cutting; also for forcing. 2 lbs., 10.....	35	3 00
Sir Watkin. Perianth sulphur, crown yellow, tinged bright orange. This is still the king of the short-cupped Narcissus, and used more generally and in larger quantities than any other short-cupped variety. Valuable as a cut-flower. Mother Bulbs. 3 lbs., 10.....	60	5 00
Stella. White perianth, yellow cup. Good forcer. 1 lb., 10... ..	40	3 50

LEEDSII

These are crosses between the White Trumpets and Poeticus. The crowns are as large as those of the Incomparabilis group. The perianths are always white; the crowns are mostly white or light yellow.

Leedsii Type. Silvery white, lemon cup. 1 lb., 10.....	\$0 35	\$3 00
Minnie Hume (Queen of England). Large white perianth, cup passing from fine lemon to white. 1 lb., 10.....	40	3 50
Mrs. Langtry. Pure white perianth, large white cup, edged yellow. Splendid for cutting or naturalizing. 1 lb., 10.....	35	3 00

NARCISSUS POETICUS

Varieties belonging to this group always have a pure white perianth. The cups are very short, but wide-mouthed, and always more or less deeply rimmed with orange or scarlet.

KING EDWARD. Broad pure white perianth, orange scarlet crown.....	\$0 60	\$5 00
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Double Narcissus, Von Sion

DOUBLE NARCISSUS

- Alba plena odorata.** Pure white; **10** **100**
 a splendid cut flower; sweet-scented. For outdoors. 1 lb., 10. \$0 35 \$3 00
- Orange Phoenix** (Bacon and eggs)
 Large; double; white with orange base. 2 lbs., 10. 45 4 00
- Von Sion.** The largest double yellow Trumpet variety. Extra fine for forcing; largely grown by florists for winter cut-flowers. Our bulbs are Dutch-grown, of the pure golden yellow variety, and of the largest Mother Bulbs. 2 lbs., 10. 65 6 00

POLYANTHUS NARCISSUS

The varieties belonging to this class produce small, fragrant flowers growing in clusters. They are invaluable for forcing and may be grown under glass or in pots. If planted in the open border they must be protected over winter by a covering of litter.

- Grand Monarque.** White with **10** **100**
 yellow cup; very large flowers; vigorous grower. 2 lbs., 10. . . . \$0 65 6 00



Paper White Narcissus

NARCISSUS POETICUS—Continued

- Ornatus.** Perianth pure white, **10** **100**
 cup yellow, margined scarlet. One of the most popular of all; useful for cut-flowers; very early flowering. Mother Bulbs. 1 lb., 10. 45 4 00
- Recurvus** (The Old Pheasant's Eye). Pure white perianth, scarlet cup; late. 1 lb., 10. 35 3 00

**NARCISSUS POETAZ
 MULTIFLORUS**

**New Hybrids Between Poeticus
 Ornatus and Polyanthus Varieties**

An altogether new race of narcissus, perfectly hardy; they are crosses between Polyanthus and Poeticus Ornatus, flowering in clusters like Polyanthus Narcissus but without their fragrance.

- Aspasia.** Perianth pure white, yellow eye, large flowers. **2** **10** **100**
 lbs., 10. \$0 40 \$3 50
- Ideal.** Perianth white, dark orange eye. 6 to 7 flowers on a stem. 2 lbs., 10. 60 5 00
- MIGNON.** White perianth, cup creamy white with deep orange-scarlet, scarlet edge. each, 10. 75 7 00

VARIOUS SINGLE NARCISSUS

- Single Trumpets, Mixed.** **2** **10** **100**
 lbs., 10. \$0 35 \$3 00
- All Sorts Mixed.** 2 lbs., 10. 35 3 00

POLYANTHUS NARCISSUS—Continued

Grand Soleil d'Or. Yellow, with orange cup; very free-blooming.	10	100
2 lbs., 10.....	85	7 50
Mixed Sorts. 2 lbs., 10.....	60	5 00

PAPER-WHITE NARCISSUS

Paper-white grandiflorus. Large trusses of pure white flowers. Splendid forcer. Large bulbs. If obtainable, price will be about 70c for 10; \$6.00 per 100. At time of going to press it looks doubtful if we shall receive any, owing to failure of the crop. Mailing weight, 2 lbs. 10.

JONQUILS

Not less than 50 of a kind at 100 rate.

A class related to the Narcissus, and suitable alike for pot culture or planting out. Culture same as for hyacinths.

Single Yellow Sweet-scented. 10	100
4 cz., 10.....	\$0 35 \$3 00
Large Single (Campernelle).	
Yellow. 8 oz., 10.....	35 3 00

CROCUS

If to be sent by mail, add postage at zone rates—8 oz. 10, 3 lbs. 100.

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted closely—say 2 inches apart—and 3 inches deep, they make a pretty display immediately after the snow goes off in the spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in spring before mowing. The effect is beautiful. For flowering in pots,



Crocus

CROCUS—Continued

baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for hyacinths.

Blue and Purple Mixed.	\$0 20	100	1000
Striped and Variegated,		\$1 50	\$10 00
Mixed	20	1 50	10 00
Mammoth Yellow	30	2 50	20 00
White	20	1 50	10 00
Mixed Colors	20	1 50	10 00

HYBRID NAMED CROCUS

Remarkable for richness of color and immense size. These varieties are best for forming letters or designs on lawns, for which purpose they may be planted without disturbing the grass, by the use of a dibble or narrow trowel. Flowers are produced very early, and mowing later on will not seriously injure the bulbs.

	10	100	1000
Albion. Purple, with white feathers.....	\$0 25	\$2 00	\$18 00
King of the Blues. Very large.....	25	2 00	18 00
King of the Whites. Pure white.....	25	2 00	18 00
Non Plus Ultra. Blue, edged white.....	25	2 00	18 00
President Lincoln. Large; purple; early..	25	2 00	18 00

Not less than 10 of a kind sold.

LILIES

If to be sent by mail add postage at zone rates as per weight indicated.

For stateliness of habit, beauty of form and variety of coloring, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown and require little care. With the exception of *Lilium candidum* and *Lilium tigrinum*, which prefer a deep, rich loam, they all do best in a light, well-drained soil. Some peat or leaf-mold may be used to advantage. *Lilium auratum* cannot bear manure but thrives in ordinary light soil. They all prefer a partial shade, and the tallest sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs. Most of them make splendid conservatory plants. For pot culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

Lilium Harrisii and Lilium Candidum ready in August, others not until November.

Japan Lilies are quoted as offered from Japan, and are subject to arrival, as we may be disappointed in not receiving them.

LILIUM HARRISII

(Bermuda Easter Lily)

BULBS NOW READY

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-

LILIUM HARRISII—Continued

shaped flowers are very sweet-scented and of great substance, lasting a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decoration. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It requires rich soil but without manure. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

7 to 9 inches in cir-	Each	10	100
cumference. 3 lbs., 10.	\$0 35	\$3 00	\$25 00
9 to 11 inches in cir-			
cumference. Fairy			
Isle, 4 lbs., 10.	75	7 00	60 00

Lilium Longiflorum (White Trumpet Lily)

This is among the most beautiful and valuable of garden Lilies. It grows from 1 to 4 feet high, and bears many trumpet-shaped, sweetly scented, waxy white flowers of great substance. A well-drained, light loam enriched with leaf-mold suits it best.

Formosum. Pure white flowers, larger than those of L. Harrisii. Grows 2½ to 4 feet high.

7 to 9 inches in cir-	Each	10	100
cumference, black stem.			
3 lbs., 10.	\$0 30	\$2 50	\$22 00
9 to 10 inches in cir-			
cumference, black stem.			
5 lbs., 10.	45	4 00	35 00

Multiflorum.

7 to 9 inches in cir-			
cumference. 3 lbs., 10.	25	2 00	15 00
9 to 10 inches in cir-			
cumference. 4 lbs., 10.	40	3 50	30 00

Multiflorum giganteum.

7 to 9 inches in cir-			
cumference, black stem.			
3 lbs., 10.	25	2 00	15 00
9 to 10 inches in cir-			
cumference, black stem.			
4 lbs., 10.	40	3 50	30 00

BEAUTIFUL JAPAN LILIES

These do not generally arrive until November and December. We import our supply direct from Japan every year. Every garden should have some of these most beautiful and easily grown Lilies.

Auratum (Gold-banded Lily). The grandest of all hardy Lilies, 3 to 6 feet high; flowers white, spotted maroon, having a bright yellow band through the center of each petal.

	Each	10	100
8 to 9 inches in cir-			
cumference. 3 lbs., 10.	\$0 25	\$2 00	\$15 00
9 to 11 inches in cir-			
cumference. 5 lbs., 10.	35	3 00	25 00
11 to 13 inches in cir-			
cumference. 7 lbs., 10.	45	4 00	35 00

Speciosum album. Beautiful pure white flowers of large size; 2 to 4 feet high; one of the handsomest and easiest-grown Lilies we have.



Lilium Superbum, Spec. Album, Spec. Rubrum, Tigrinum

	Each	10	100
7 to 9 inches. 4 lbs., 10	\$0 25	\$2 25	\$20 00
9 to 11 inches. 5 lbs., 10	40	3 50	32 00

Speciosum rubrum var: Magnificum. Very dark crimson-spotted flowers of large size and striking appearance. Grows 2 to 4 feet high and blooms profusely.

	Each	10	100
7 to 9 inches. 4 lbs., 10	\$0 25	\$2 00	\$15 00
9 to 11 inches. 5 lbs., 10	40	3 50	30 00

Batemanni. Unspotted, bright apricot flowers; beautiful variety; strong hardy, easily grown, and highly recommended for general culture. 3 to 4 feet high. 1 lb., 10

Elegans. Incomparable, deep red spotted black; very beautiful. 30 2 50 22 00

Krameri. White, slightly tinged with red; sweet-scented. 1 lb., 10. 35 3 00 26 00

Leichtlinii. Bright red spotted purple—black. 2 to 4 feet high. 8 oz., 10. 40 3 50 30 00

VARIOUS LILIES

Bolanderi. Bell-shaped, deep crimson flowers, dotted with purple. Grows 1 to 3 feet high. Rare. 1 lb., 10. \$0 60 \$5 00

LILIES—Continued

Brownii. Most beautiful flowers of immense size; inside creamy white, outside white with purple mid-ribs, a splendid pot-plant; 2½ to 3½ feet high. 2 lbs., 10. From cold storage—cases only of 100 each, \$25.....	Each 10			
Canadense (Meadow Lily). Graceful, drooping, yellow flowers, spotted red; 2 to 5 feet. 4 oz., 10	15	1	25	
Candidum (Madonna Lily, or St. Joseph's Lily). The common garden Lily. Large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet high. 3 lbs., 10. Per 100, \$10.....	15	1	25	
Columbianum (Oregon Lily). Orange flowers, dotted maroon; fragrant. 1 lb., 10. Largest size bulbs.....	60	5	00	
Henryi. Very tall-growing variety; bright orange yellow flowers, spotted reddish-brown, with green band at the base of each segment; one of the very best of all Lilies for general culture; hardy, robust, long lived and easily grown in almost any soil or situation. 4 to 8 feet. 3 lbs., 10. Per 100, \$30.00.....	40	3	50	
Humboldtii type. A grand Lily. Orange-red flowers, spotted with small maroon spots. 5 ft. 1 lb., 10.....	60	5	00	
Kelloggii. Slender stems with from 3 to 15 flowers with pink revolute petals; fragrant; 3 to 4 feet. 8 oz., 10.....	60	5	00	
Paradalinum. Large showy flowers, richly colored and spotted. One half of each flower at the base is bright yellow, spotted brownish-purple, while the remainder at the end is bright orange scarlet. 4 feet. 1 lb., 10.	25	2	00	
Parviflorum. Large bulbs; flowers of same color as Pardalinum, but smaller, and are solitary. Very charming. 8 oz., 10.....	50	4	00	
Philadelphicum. Bright orange-red, with black spots; 2 feet high. 8 oz., 10. Per 100, \$10.00.....	15	1	25	
Superbum (Turk's Cap Lily). Deep orange-red, thickly spotted, purplish-brown. 4 feet. 8 oz., 10.....	15	1	25	
Tenuifolium (Siberian Coral Lily) Rich scarlet; 1½ feet. 8 oz., 10. per 100, \$10.00.....	15	1	25	
Thunbergianum Elegans bilingulatum. (Fer-Kwam) deep chestnut red, spotted flowers. 8 oz., 10.....	20	1	50	
Thunbergianum Aureum Kikak. Apricot-yellow; spotted black; 3 feet. 8 oz., 10.....	20	1	50	
Thunbergianum Prince of Orange. Soft buff flowers, spotted purple-black. 1 foot. 8 oz., 10.....	Each 10			25 2 00
Tigrinum splendens (Tiger Lily). Larger and stronger than the Common Tiger Lily. Rich scarlet, with black spots; large roots. 2 lbs., 10. Per 100, \$10.00.....	15	1	25	
Tigrinum flore-pleno (Double Tiger Lily). Orange-red, black spots. The only desirable double flowered Lily in cultivation. 2 lbs., 10. Per 100, \$12.00.....	20	1	50	
Umbellatum erectum. Orange red, slightly spotted with purplish-black, tinged yellow in center. 4 lbs., 10.....	20	1	50	
Umbellatum grandiflorum. Orange-red. Similar in all respects to erectum, except that flowers are larger. 3 lbs., 10..	20	1	50	
Umbellatum Mixed. 3 lbs., 10.	15	1	25	
Wallacei. Orange-red, maroon spots; late. 1 to 2 feet easily grown, and deserving of more general culture, both for pots and open ground. 8 oz., 10.....	50	4	50	
Washingtonianum. A lovely native variety of very stately habit; large, trumpet-shaped flowers, pure white, tinged purple or lilac; very fragrant; 4 to 7 feet. 2 lbs., 10.....	40	3	50	

CHINESE SACRED LILY

(The Water Fairy Flower)

READY IN SEPTEMBER

A variety of the Polyanthus Narcissus, imported from China. The bulbs should be placed from three to six in a bowl or glass dish of water which has been partly filled with pebbles, some of which place over the bulbs so as to prevent them from floating. The water should be tepid and changed every two days. Submerge the bulbs entirely and place in a sunny window in a cool room. Mailing weight, 4 pounds, 10.

Each	10	100
\$0 25	\$2 00	\$16 00

LILY-OF-THE-VALLEY

(Convallaria majalis)

EXPECTED; DELIVERY DEPENDS ENTIRELY UPON ARRIVAL

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from 6 to 12 in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three to four weeks after planting. They require a considerable amount of heat to start them. They may also be planted in moss fibre in vases.

LILY OF THE VALLEY—Continued

CLUMPS. Fine, large clumps, with many flowering pipes on each. Fine for planting outside in shaded positions and for naturalizing by the side of streams or wood walks. Weight 3 pounds each. Prices on application.

PIPS FOR FORCING. Finest Exhibition size. Prices on application.

BEGONIA CRISPA

Single, Fringed

These Begonias have beautifully shaped, gracefully frilled and crested flowers borne above the foliage on long and erect stems. A fine strain with a great future. **White**, \$1.25 per 10; \$10.00 per 100.

BRODIAEA

READY IN SEPTEMBER.

Mailing weight, 1 pound, 100.

Pretty bulbous plants from the Pacific Coast. They have narrow, grassy leaves, slender stems and umbels of lily-like flowers. For forcing or for outdoor culture. Do best in rich, sandy loam. If grown in pots, a compost of loam, leaf-mold and sand is best. All are hardy.

Coccinea (Floral Firecracker). Rich blood crimson, tipped white.....	10	100
	\$0 75	\$6 00
Grandiflora. Deep purple flowers, large and showy.....	50	4 00
Lactea. White with green stripes.....	50	4 00
Laxa. Blue	75	6 00
Peduncularis. Porcelain-white flowers in immense umbels.....	75	6 00

CALOCHORTUS

(Mariposa Lily, or Butterfly Tulip)

READY IN SEPTEMBER

Very handsome bulbous plants from California. They are remarkable for the brilliancy and variety of their coloring, and their gracefulness of habit. They grow freely in light, sandy loam. Though hardy, they should be protected during winter with litter. They may also be successfully grown in frames and pots. Mailed free.

Amabilis (Globe Tulip). Very pretty golden yellow.....	10	100
	\$0 55	\$4 50
Benthami (Star Tulip). Yellow black spots.....	50	4 00
Lilacinus (Star Tulip). Large finely formed lilac flowers.....	50	4 00
Luteus (Mariposa Tulip). Clear yellow, delicately penciled creamy white.....	60	5 00
Maewanus major (Star Tulip). White ground, open cup filled with fine blue hairs.....	50	4 00
Venustus citrinus (Mariposa Tulip). Deep, rich lemon, with vivid dark maroon eyes.....	60	5 00
Venustus oculatus (Mariposa Tulip). Creamy white flowers, varying to sulphur and purplish tints.....	60	5 00
Mixed Mariposa Tulips	60	5 00

CRINUM

Powellii. Produces long stems, bearing at the top five to eight large, dark rose, bell-shaped flowers, 3 to 4 inches long. 2 lb. rate.....

Each
\$0 25
50

Powellii album. Pure white, 2 lb. rate

FREESIA

If to be sent by mail, add postage at zone rate—10, 4 oz.; 100, 2 lb.

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in good, loamy soil, with an admixture of leaf-mold and sand, in a frame or greenhouse, and are excellent for window culture in winter. For the information of all not acquainted with these bulbs we may say that they are quite small, but produce large blooms in comparison to their size.

Freesia, "Purity." Magnificent, glistening pure white flowers of large size, borne on strong, lengthy stems, each truss bearing eight to ten buds, five or six of which are frequently open at the same time.

Mammoth, size $\frac{3}{4}$ inch and up. 40 cts. per 10; \$3.00 per 100; \$25.00 per 1,000.



Freesia "Purity"

IRIS

(Fleur-de-lis)

Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do

IRIS—Continued

best in a light, rich, sandy soil, and in a sunny situation. Good drainage is important. The varieties of Iris Kaempferi, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up 10 to 12 flower-spikes 3 feet high, each bearing 2 to 4 enormous blossoms measuring 8 to 10 inches across. These require a liberal supply of water when growing.

**Japan Iris
(Iris Kaempferi)**

	Each	10
APOLLO. Single; white.....	\$0 30	\$2 40
BLUE WING. Single; blue white.	30	2 40
DELICE. Double. Lavender and yellow.....	30	2 40
DISTINCTION. Single; lavender and pink.....	30	2 40
DOMINATOR. Single; indigo blue.....	30	2 40
P. C. DE ROHAN. Double; light purple.....	25	2 00
TEMPLETON. Double; violet, pink and white.....	25	2 00
T. S. WARE. Double; reddish violet.....	30	2 40
DOUBLE AND SINGLE MIXED.	15	1 00

Iris

PALLIDA—var. DALMATICA. Considered by some authorities the finest Iris grown. Standards and Falls Lilac—Purple..... 25 2 00

**Garden Iris (Iris Germanica)
(Fleur-de-lis)**

ADMIRAL TOGO. White, faintly tinged lavender; falls and standard lightly bordered purple. Extra fine clear color.....	10	100	\$1 00	\$7 00
BROOKLYN. Standards lavender, yellow at base; falls pale blue, base veined brown on a white ground, edged yellow, splashed with dark blue, beautiful.....	75	6 00		
FLAVESCENS. Self-color, canary yellow.....	1 00	7 00		
FLORENTINA ALBA. An excellent variety for cutting and an early bloomer. Flowers ivory white tinged with lilac. The Orris root variety of commerce..	1 00	7 00		
FLORENTINA BLUE. Tall and vigorous; deep dark blue.....	1 00	7 00		
GRACCHUS. Standards clear yellow; falls marked red reticulated white. A very conspicuous variety.....	1 50	12 00		
HERANT. Standards bright blue; falls much darker. A beautiful broad-leaved sort; early flowering.....	1 00	7 00		
L'AFRICAIN. Standards rosy purple; falls darker veined, white at base, dwarf.....	1 25	10 00		
LIZZIE. Standards pure yellow; falls dark, bronzy crimson.....	75	600		

MAD. CHEREAU. Pure white, edged with azure blue; falls deep white with blue penciling.....	10	100	75	6 00
MRS. H. DARWIN. Pure white, falls slightly reticulated violet at base; very beautiful and free flowering, early.....	1 50	12 00		
PALLIDA SPECIOSA. The great purple or turkey flag. Standards dark lavender shaded lighter. Falls shaded light purple. Quite tall.....	1 60	14 00		
PAULINE. Standards bright blue, falls a little darker.....	75	6 00		
QUEEN OF MAY. This is a very satisfactory variety and well adapted everywhere. It is soft, rosy lilac, almost pink. A color rare among Irises.....	1 75	16 00		

**MERTENSIA VIRGINICA
VIRGINIAN COWSLIP or BLUE BELLS.**

Hardy perennial, purple blue tubular flowers about 1 inch long, disposed in gracefully drooping terminal clusters—of easy culture in ordinary garden soil, excellent for mixed borders, copses and rock work. Height, 1 to 2 feet. Each, 15 cts.; \$1.25 per 10; \$10.00 per 100.

OXALIS

READY IN SEPTEMBER

If to be sent by mail, add postage at zone rates—1 pound per 100.

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging-baskets. They are easily grown in a sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Pot in September, and remove indoors early in October; keep in moderate temperature.

Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure bright yellow, and produced in great abundance. It is very easily cultivated and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot.....

10	100
\$0 30	\$2 50

Grand Duchesse Grandiflora, Lavender.....	25	1 50
Grand Duchesse Grandiflora, Pink.....	25	1 50
Grand Duchesse Grandiflora, White.....	25	1 50

PAEONIES

EXPECTED IN OCTOBER

If to be sent by mail, add postage at zone rates—1 pound each; 9 pounds 10.

The old-fashioned double Paeonies are too well known to require description. Their popularity is due to their great merits, their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers.

PAEONIES—Continued

Among hardy herbaceous perennials, the Chinese Paeonies rank about first for lawn, flower-border or shrubbery decoration. Paeonies do best in deep, rich, rather moist soil. The plants are gross feeders, and the soil should be well worked before planting, and enriched with cow manure. Clean cultivation should be given. An annual top-dressing of short, well-rotted manure should be given in November, and forked into the soil in spring. Liquid manure, given in the growing season, helps the bloom wonderfully. They need abundant water, and if they suffer from drought at blooming time there are likely to be small flowers and blighted buds. The crowns should be set in planting about 2 inches below the surface. They may be set in spring or fall, to bloom the following summer. They are all hardy. We offer only strong, flowering roots, with not less than three eyes.

**Herbaceous Chinese Paeonies
(*Paeonia chinensis*)**

	Each	10
Delachei. Purplish red.....	\$0 45	\$4 00
Duchesse de Nemours (Calot). Sulphury white.....	45	4 00
Eugene Verdier. Pink and Salmon.....	90	8 00
Festiva maxima. White.....	45	4 00
Louis Van Houtte. Cherry-color, with purplish reflection.....	45	4 00
Marechal Mc Mahon. Rich carmine.....	45	4 00
Madame Lemoine. Pure white, large splendid flower.....	75	6 00
Monsieur Jules Elie. Satiny pink, very early.....	1 25	12 00
Double Mixed, White	45	4 00
“ “ Crimson	45	4 00
“ “ Rose	45	4 00
“ “ Pink	45	4 00
“ “ Carmine	45	4 00

Paeonia officinalis

Mailing rate, 2 pounds each.

	Each
Anemonaeflora. Large; crimson; single anemone-flower shape.....	\$0 60
Rosea plena. Pink.....	50
Tenuifolia. Single-flowering. Rich crimson; narrow-leaved, feathery foliage.....	40

RICHARDIA

(*Calla*)

READY IN OCTOBER AND NOVEMBER

If to be sent by mail, add postage at zone rates as per weight indicated.

Tall-growing, bulbous perennials of graceful habit, and handsome foliage and flowers. They are easily cultivated in pots, requiring only rich soil and plenty of water. A compost of one part good loam and one part cow manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting them in September.



**Calla
Elliottiana**

White Calla, or Lily of the Nile

(*Calla aethiopica*). Large white, trumpet-shaped flowers of great substance. One of the most popular ornamental house and greenhouse plants. 2 inch bulbs. **Each 10**

10, 4 lbs.....\$0 30 \$2 75

ELLIOTTIANA, Yellow Spotted

Leaf. Dark green leaves, spotted silvery white. 3 inch bulbs. 10, 2 lbs..... 45 4 00

SANGUINARA CANADENSIS

Bloodroot. A showy, hardy spring flower. White, often tinged with pink. Prefers a light sandy loam or peat soil, but will grow anywhere; useful for ornamenting the front of flower borders..... **10 100**
\$0 30 \$2 50

TRILLIUM

(**American Wood-Lily, or Indian Shamrock**)

Mailing rate— 1 pound, 10; 7 pounds, 100.

Hardy herbaceous perennials succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are native of North America, and are known by various common names in different localities. They have violently

TRILLIUM—Cont.

If to be sent by mail, add postage at zone rates. Each 10 100

Erectum. Dark purple; erect habit.....\$0 10 \$0 50 \$4 50

Grandiflorum ("Giant American Wood-Lily," or "Wake-Robin"). Large, white flowers, and easily grown in shaded positions..... 10 50 4 00

HARDY PERENNIAL AND OTHER FLOWER SEEDS

FOR AUTUMN SOWING
Mailed free of postage

Many varieties of flower seeds, **Annuals** as well as **Biennials** and **Perennials**, may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed becomes larger and more robust, flowering earlier and more numerous than if sown in the spring. For full descriptions see our General Seed Catalogue. Character and Hardiness indicated by letters A, Annual; B, Biennial; P, Perennial; h, hardy; hh, half hardy; g, greenhouse; t, tender.

SWEET PEAS
Grandiflora Varieties

All Ten Cents per Packet

	Per oz.	¼ lb.
Canary Primrose. Beautiful primrose (Christmas)....	54650	\$0 15 \$0 50
Christmas Pink	54660	15 50
Christmas White	54670	15 40
Christmas Lavender (Mrs. Alex. Wallace).....	54680	15 40
Earliest of All. Pink and white, resembling Blanche Ferry (Christmas).....	54690	15 50
Le Marquis. Navy blue (Christmas).....	54720	15 50
Meteor. Bright red.....	54725	15 50
Mixed Christmas	54770	15 50

Pkt.

ABUTILON, Mixed Hybrids (Chinese Bell-flower, or Flowering Maple). Greenhouse shrub of easy culture; continuous blooming, bell-shaped flowers; very decorative; desirable for house or garden. Grows 3 to 4 feet in height.....**55050** 25

ACACIA (Tassel Tree). Beautiful greenhouse shrubs, elegant foliage, graceful branches and fine racemes of richly scented, yellow flowers. Soak the seeds in hot water before sowing, then plant in sandy peat in a temperature of 55 to 60 degrees.

Pkt.

Baileyana. 6 to 10 ft.....	55090	10
dealbata. 4 ft.....	55130	10
decurrens. 6 ft.....	55150	10
Melanoxylon. 8 ft.....	55210	10
Fine Mixed	55290	5

ACHILLEA Ptarmica, Double, "The Pearl." Free-blooming, hardy perennial. The pure white flowers are borne in clusters on long stems. 1½ ft. **55340** 25

AGATHÆ cœlestis (Blue Daisy). A tender perennial, with beautiful blue flowers; fine pot plant for Winter blooming in conservatory; 1 ft..... **55680** 25

AGROSTEMMA. All of easiest cultivation, blooming during Summer and Autumn. "The Rose of Heaven" is very free flowering and fine for cut-flowers. The "Rose Champion" is excellent for naturalizing in dry situations.

Pkt.

† coronaria (Rose Champion) (hP). Rose; 2 ft.....	55880	5
† " Dark Blood Red (hP). 2 ft.....	55890	10
† coronaria White (hP). 2 ft.....	55900	5
† " Mixed (hP). 2 ft.....	55910	5
† Flos-Jovis (Flower of Jove) (hP). Rose; 1 ft.....	55920	5

ANCHUSA. Perennial. Fine for cut-flowers and bouquets.

Pkt.

Italica, Dropmore variety (hP). Blue; 3 ft..... **56340** 10

ANEMONE (Windflower). Free-flowering hardy perennials, producing large cup-shaped flowers. Invaluable for cutting; require rich, deep soil; 1 to 2 ft.

Pkt.

coronaria (St. Brigid Poppy-flowered) Mixed	56360	10
Caen, Mixed	56370	10
japonica alba. White.....	56390	25
sylvestris. White.....	56395	15

AQUILEGIA (Columbine). Few hardy perennials are so easily grown from seed, and will give such unalloyed satisfaction. A most desirable border plant. It forms large clumps, blooms early, long and abundantly, is useful for cutting and elegant in habit. Sow in the Fall for flowering the following season. They thrive well under ordinary garden culture, but such rare sorts as *A. caerulea* and *A. chrysantha* do best in partial shade.

California hybrida. Orange-red and yellow; splendid; 2 ft..... **56500** 25

canadensis. Scarlet and yellow; for shade; 1½ ft..... **56510** 10

chrysantha. Golden yellow; flowers large, long spurred; 3 ft..... **56520** 25

cærulea (Rocky Mountain Blue Columbine). One of the most beautiful of our our native flowers. Sepals blue, petals white; 3 ft..... **56530** 15

glandulosa vera. One of the handsomest hardy perennials; stems 2 ft. high, with sometimes 50 to 80 blossoms 3 in. in diameter, of the deepest blue, with white corolla; a splendid flower. **56560** 50

AQUILEGIA—Continued

- Long-spurred Hybrids, Mrs. Scott Elliot's Strain.** Magnificent hybrids in the greatest variety of colors and shades; one of the finest strains; 2 ft. **56580** 25
Skinneri (Mexican Columbine). Very handsome and distinct, spurs and sepals long. Crimson and green; 3 ft. **56590** 25
vulgaris, Double Mixed. Best colors **56620** 5
 " **Single Mixed.** Many good sorts. **56630** 5

ARABIS. An early-flowering, hardy perennial especially suited for edgings and rockwork, growing about 6 inches in height.

alpina (Rock Cross). White; 9 in. **56660** 10

ASPARAGUS. Beautiful, fern-like foliage; fine for bouquets; an excellent house plant; white flowers; 4 to 6 ft.

plumosus manus (gP). The dwarf variety so largely used by florists. **56860** 10

Sprengeri (gP). Fine for basket work and for use with cut-flowers. **56890** 10

AUBRETIA. Hardy perennial trailers for beds, rockwork or herbaceous borders; resemble Alyssum in character.

deltoides. Lilac, very pretty. **56960** 25

Leichtlini. Rosy carmine, fine. **56990** 25

AURICULA (*Primula auricula*) (hP).
Finest Mixed. Beautiful shades of color. These early Spring-blooming garden Primroses are great favorites; 6 in. **57020** 25

BEGONIA (gP). Begonias are invaluable for growing in beds and borders; also for pot culture, being perfect in habit, with very handsome foliage. Height about 1 ft.

Single, Tuberosus-Rooted, Mixed. **57420** 25

Double Tuberosus-Rooted, Mixed. **57430** 50

gracilis luminosa. Dark scarlet, reddish brown foliage; Winter flowering; fine for pots. **57460** 25

sempervirens rosea. Rose-colored flowers; fine for edging. **57500** 25

" **alba.** White flowers borne in profusion. **57510** 25

" **Vernon.** Red; for borders. **57540** 25

" **Mixed.** **57570** 25

CACTUS (hhP). Mixed varieties. **57900** 25

CALCEOLARIA. The seeds are very small, and should be sown in the greenhouse on the surface of shallow boxes, filled with a light, sandy soil, which has been sifted. Sow moderately thick in rows on the surface and cover very lightly with sifted Sphagnum Moss, Coconut waste or very light soil. Press the soil firmly on the seed, the watering should be done carefully; an atomizer or brush is best; to retain the moisture the box may be covered with a pane of glass which must be removed as soon as the plants appear. The soil should be light and rich.

Fkt.

CALCEOLARIA—Continued

- hybrida.** Large flowered; self colored; Pkg. 2 ft. **57990** 25
 " Large flowered; tigered or spotted; 2 ft. **58000** 25
 " Large flowered; dwarf; tigered; 1 ft. **58010** 25

CALENDULA. Hardy annuals about 1 ft. high. They are excellent for cutting, and are produced in great profusion.

Officinalis fl. pl. grandiflora (Orange King). Double; large flowered deep orange. **58160** 5

" **fl. pl. grandiflora sulphurea.** Double; light yellow; large-flowered. **58170** 5

" **Sulphur Crown.** **58175** 5

" **Nankeen.** A rich, soft shade of nankeen yellow; large flowers. **58180** 5

" **Meteor.** Creamy center, edged with orange; fine for cutting. Oz., 25c. **58190** 5

" **Prince of Orange.** Glittering orange and yellow. One of the best. Oz., 30c. **58200** 5

COREOPSIS (*Perennial Calliopsis*). One of our finest hardy perennials; bloom practically all Summer; fine for borders and groups.

grandiflora. Large flowers of rich yellow; 2 ft. **58400** 10

lanceolata grandiflora. Large, golden yellow flowers; fine for cutting. **58410** 10

CAMPANULA

And CANTERBURY BELLS. For effect in the border plant them in clumps of separate colors, and they are beautiful when massed. The perennial varieties, treated as perennials, will flower most profusely by mid-summer. The tall and stately growing kinds will be found of great value for the border, while the dwarf sorts make charming rock and edging plants. All the varieties like a rich, sandy soil with good drainage.

carpatica (hP). Deep blue; for rockeries, beds and edgings; 6 in. **58530** 10

" **alba.** Flowers white; 6 in. **58540** 10

Medium Single Blue (Canterbury Bells) (hB). Blooms first year if sown early; 2 ft. **58560** 5

" **Single White.** Pretty for contrasts. **58570** 5

" **Single Rose.** **58580** 10

Medium Single Mixed. **58600** 5

" **Double Blue.** Rich, heavy, curious flowers through Summer and Fall. **58610** 10

" **Double White.** Waxy appearance. **58620** 10

" **Double Rose.** **58630** 15

" **Double Mixed.** **58640** 10

Pkt.

25

50

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25

5

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10

5

10

10

15

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10

CAMPANULA—Continued

calycanthera (Cup-and-Saucer) (hB). Pkt.	
Blue.....	58650 10
alba . A white flowered variety of the above.	
.....	58660 15
Mixed . Shades of blue and white.....	58680 10
Prize Mixture of all colors, Single and Double and Calycantheras....	58700 15
persicifolia grandiflora , Blue (hP).	
.....	58770 25
grandiflora alba . A white-flowered variety of the above.....	58780 25
grandiflora , Fine Mixed .	
.....	58790 25
pyramidalis (Chimney Bellflower) (hhP).	
Spikes 3 to 4 ft. tall, blue; blooms in late Summer and Autumn...	58800 10
alba . White	58810 10
Mixed	58815 10

CANDYTUFT PERENNIAL. Sow outdoors in Fall in any sunny place.

sempervirens. White flowers remain fresh nearly a month; 1 ft. Pkt. 58990 15

CARNATION

(*Dianthus Caryophyllus*.) Should be sown and kept in Cold Frame until spring. Young plants are perfectly hardy outdoors, but when two or three years old they are injured by Winter cold, so that sowings should be made every year. *The more expensive sorts produce the finest flowers. The prices we quote, although seemingly high, are most reasonable for strains such as we offer.*

MARGARET CARNATIONS are an extra vigorous race, especially adapted for outdoor culture.

Double White. Large, perfect flowers; Pkt. 1½ ft. 59120 10

Double Yellow. A clear, soft shade; 1½ ft. 59130 25

Double Mixed. 1½ ft. to 2 ft., oz., \$1.50..... 59140 10

Giant Margaret. Malmaison Strain. Extra large and perfect, flowering in a rich variety of colors; 80 per cent. of the flowers generally come double. A splendid sort for cutting; 1 ft. ... 59145 25

PERPETUAL CARNATIONS. This race has large, elegantly formed flowers, continually abloom, upon closely branched symmetrical plants, often called, from their neat habit, Tree Carnations.

Chaubaud Perpetual Double. Mixed—Pkt. yellow, red, white, etc.; 1½ ft. Blooms in six months..... 59160 25

Giant Perpetual Fine Mixed. Enormous flowers; perfectly double; splendid colors..... 59240 50

BORDER CARNATIONS, etc.

Red Grenadine, Double . Brilliant scarlet; 2 ft.	Pkt. 59270 25
Early Dwarf Vienna, Double Mixed . Fine for garden culture and for cutting; 1 ft.	59290 15

Centaurea

PERENNIAL, SILVER-LEAVED. These are used for borders or edgings, and thrive anywhere. Flowers white, leaves grayish; half hardy; height 1 ft.

candidissima. Silvery white leaves. Pkt. 59740 10

gymnocarpa. Silvery white, small leaves..... 59760 10

CERASTIUM (Snow-in-Summer). Pretty, silver-leaved, trailing, hardy perennials; fine edging plants, also for rockeries; 6 in. Pkt. **tomentosum**. White..... 60190 25

CHRYSANTHEMUM

frutescens (Paris Daisy, or Marguerite) (gP). Beautiful for cutting and pot culture; long-stemmed, single, white flowers, with golden centers. ... 60610 10

Leucanthemum (Shasta Daisy) (hP). Extra large flowers, with pure white petals and brilliant, golden yellow center; 2 to 2½ ft. 60630 10

PERENNIAL VARIETIES. This section includes the large-flowered sorts, and the pretty, hardy Pompons that make bright masses of color in our gardens long after heavy frosts have cut down other flowers. Pkt.

indicum, Single. Will produce superb flowers of different types and colors; fine for forcing and cut-flowers..... 60720 25

“ **Pompon**. The pretty, hardy dwarfs, with bright, clustered flowers, which brighten up the garden late in Autumn; 1½ ft. 60740 25

japonicum fl. pl. From finest flowers. Double. An extra choice mixture, including many of the finest large-flowering sorts..... 60750 50

CINERARIA

One of the most useful and ornamental of greenhouse plants, with flowers of the richest and most brilliant colors and shades, and of the finest texture. It is rather a difficult plant to grow if its requirements are not understood. The mistake generally made is in growing it in a warm house instead of a cool one. The seed should be started in the greenhouse Average height, 2 ft.

Large-flowered, Crimson. Very brilliant and showy. 60800 50

“ “ **Flesh Colored, Mixed**. 60810 50

CINERARIA—Continued

Large-flowered, Stella, Mixed.	Twisted Pkt. and fluted petals; large flowers of very rich and bright colors.	60820	50
“ “ White.	Handsome.	60830	25
“ “ Half Dwarf, Prize Mixed.	Exquisite; 1 ft.	60850	60
Splendid Mixed.	All fine sorts.	60860	25
“ Double.		60870	60
<i>stellata</i> (Polyantha).	Mixed.	60880	25

HALF-HARDY PERENNIALS. Require some protection.

<i>maritima candidissima.</i>	Beautiful Pkt. white foliage; the best.	60920	10
“ Diamond.	Pure white foliage; very fine.	60930	10

‡**CLEMATIS.** (Virgin's Bower). Excellent, hardy climbing perennials for trellises, arbors, verandas, etc. Do well in most locations.

<i>crispa.</i>	Pale purple; floriferous; 10 ft.	61160	25
<i>flammula.</i>	White, sweet scented. 25 ft.	61170	10
<i>paniculata.</i>	White, fragrant, very free blooming; 10 to 20 ft.	61180	10
Jackmani Hybrids, Mixed.	Collection of the best colors; 10 to 15 ft.	61190	25

‡**COBAEA.** Tender climbing perennials of rapid growth; 20 ft.

‡ <i>scandens.</i>	Purple, bell-shaped flowers. Pkt. oz., 50c.	61330	10
“ <i>alba.</i>	White.	61340	15

***COLEUS** (gP). Splendid bedding plants; with beautifully colored foliage, very useful for decorative purposes; 2 ft.

Fine Hybrids, Mixed.		61410	25
Finest Mixed Large-leaved.		61420	50

CONVOLVULUS.

mauritanicus (hP). Blue; trailing habit; fine for baskets and rockeries.

COWSLIP. (*Primula officinalis hybrida*) (hP). Favorite Spring flower; fragrant; mixed colors; 6 in.

Yellow.

†**CUPHEA.** Pretty half-hardy perennials; fine border and pot-plants; 1 to 1½ ft.

Miniata. Rich Scarlet.

Rozlii. Red.

Cyclaymen—Continued

Persicum giganteum album,	Mont Blanc.	White. Pkt.	
“ “	albo-rubrum.	White with red eye. 100 seeds, \$1.00.	62300 25
“ “	atropurpureum.	Dark red.	62320 25
“ “	Brilliant Red	(wine color).	62332 50
“ “	Christmas Cheer	(blood red).	62324 50
“ “	Daybreak	(light pink).	62325 50
“ “	Glory of Wandsbek	(salmon dark).	62326 50
“ “	Lavender	(dark and light shades).	62328 50
“ “	Princess May.	Purest white, tipped crimson; very handsome.	62340 25
“ “	Rose of Marienthal	(pink).	62345 50
“ “	roseum.	Rose.	62350 25
“ “	Rosy Morn.	Rich rose, shading to purplish tinge.	62355 25
“ “	Victoria	(white, pink edge fringed).	62362 50
“ “	White, pure		62365 50
“ “	White, pink eye.		62368 50
“ “	Covent Garden Strain Mixed.		62370 25
“ “	Mixed.	Finest sorts.	62380 25
“ “	Papilo, Mixed	(Butterfly Cyclamen).	62400 25
“ “	Mixed		62410 10

Daisy

(**Bellis perennis, etc.**) (hP). Sow in beds outside in August or September; protect with straw or litter over Winter, and transplant to their permanent position in the Spring. They make delightful borders to beds of taller-growing annuals and can be used very effectively in beds of Spring-blooming bulbs; 4 in.

Double Delicata rosea		62595	10
“ Rose (Longfellow)		62600	10
“ White (Snowball)		62610	10
“ Mixed.	Very fine.	62620	10
“ maxima alba.	Extra large.	62630	15
“ White.		62630	15

These greenhouse plants are among the best plants recommended for house culture, as they thrive well and bloom profusely in the average temperature of the living room. Sow the seed in small boxes or seed pans in a compost of well rotted manure, leaf mold and sand, in the early Winter months. Cover lightly with moss, which should be kept moist and should be removed after the seed germinates. Prick out into small pots when the young plants have two leaves. If grown steadily without any check, they will flower in about twelve months. Average height, 9 in.

DAISY—Continued

Double maxima rosea. Extra large. Pkt.	
“ monstrosa alba. Snowy white	62640 15
flowers.....	62652 25
“ monstrosa rosea. Deep rose.	62654 25
“ monstrosa Mixed	62660 25

DELPHINIUM

PERENNIAL VARIETIES. These are usually taller than the annuals, requiring more space between the plants. If sown in the Fall or very early Spring, nearly all will bloom the first season. Foliage clean and pretty; habit strong and neat; flower-spikes long and dazzling.

Barlowi. Large, dark blue flowers; extra fine; 3 ft.....	62930 25
Belladonna. Lovely pale blue; handsome plant; comes very true from seed; 4 ft.....	62940 15
cardinale. Orange-scarlet; a California native; 2 ft.....	62960 25
chinense, Mixed (C. grandiflorum). Large flowers, ranging from pure white to indigo-blue.....	62980 10
chinense azureum. Beautiful distinct shade of blue, 2 ft.....	62990 10
chinense Blue Butterfly	62995 10
formosum. Brilliant blue, white center; especially fine; 3 ft.....	63003 25

DICTAMNUS (Gas Plant). Ornamental hardy perennials; can remain for years undisturbed; the leaves, when rubbed, have a lemon odor; 3 ft.

Fraxinella. Red	63290 10
“ albus. White.....	63300 10

***DRACÆNA.** Ornamental greenhouse plants; fine for pots, vases, or beds.

* Australis. Dark green foliage; 3 ft.	63495 25
* indivisa. Narrow green leaves; 4 ft.	63500 25

FORGET-ME-NOT

(*Myosotis*.) These dainty little flowers love cool, moist soils, and like Pansies, bloom most freely in Fall and early Spring. Height, 6 to 8 in.

alpestris (hB). A pretty plant of erect habit with blue flowers	64260 10
“ Indigo-Blue. Very fine..	64300 10
“ robusta grandiflora (Eliza Fonrobert). Grown extensively for cutting. Large, sky-blue florets with yellow eye, in large clusters.....	64320 15
“ rosea. Rosy flowers; pretty contrast with blues and white.....	64330 10
hybridus, Ruth Fischer (hB). Pure Forget-me-not blue. Fine for cutting and for hanging baskets.	

FOXGLOVE (*Digitalis*). Hardy perennials, they are most satisfactory when treated as biennials. They will bloom magnificently the following Spring; giving them a deep soil in partial shade.

purpurea, Purple, the well-known variety.....	64580 10
“ Rose. Very showy; long spikes.	64590 10
“ White. Fine and attractive.	64600 5
“ Mixed	64610 5
gloxinioides, Purple	64620 10
“ Rose. Bright, showy flowers borne profusely on fine spikes.....	64630 10
“ White. Very handsome, Gloxinia-like flowers; robust; beautiful for cutting.....	64640 10
“ Mixed. All the choice colors.....	64650 10
monstrosa, Splendid Mixed. Very large, bell-shaped flowers of exquisite beauty, borne on long spikes; 4 ft.	64680 10

GAILLARDIA (Blanket Flower). Very durable and most brilliant in color; fine for bouquets; 2 to 3 ft.

‡ grandiflora maxima (hP). Golden yellow; 2½ ft.....	64890 10
“ Extra-Fine Mixed (hP).	64910 10

GALEGA. Ornamental, tall growing, hardy perennials, well suited for borders or cutting; blooms all Summer; 3 to 4 ft.

officialis. Blue.....	65000 5
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GERANIUM. Most valuable greenhouse plants, blooming continuously. For bedding in the out-door garden nothing equals them. 1½ ft.

Zonale. Scarlet.....	65130 10
Apple-scented. Pink; fragrant foliage.	65150 25
Choice Mixed	65152 25

GEUM. Handsome hardy perennials.

Mrs. J. Bradshaw. Large, brilliant scarlet.....	65256 25
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GLOXINIA. Greenhouse plants with magnificent flowers of great brilliancy; very decorative. Do best in light, rich soil; fine pot plants for the window garden; 1 to 1½ ft.

hybrida grandiflora—	Pkt.
Mixed	65670 50
robusta	65675 50
crassifolia erecta, Mixed	65680 50

GREVILLEA robusta (Silk Oak). Graceful Pkt. evergreen, greenhouse plant, easily raised from seed; fern-like foliage; fine for table decoration.....

66040	10
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GYPSOPHILA (Baby's Breath). The perennial varieties are most easily grown; very graceful and delicate.

- paniculata** (hP). White; fine for bouquets..... **66150** 10
- “ **fl. pl.** (hP). Fine clusters of double white flowers; rare; foliage very dainty and filmy; very fine for cutting..... **66160** 50

HELIOTROPE

- Lemoine's Giant, Mixed.** Very fine, large flowers..... **66460** 15
- Dark-flowered Sorts, Mixed**..... **66470** 10
- Fine Mixed**..... **66480** 10

HELLEBORUS (Christmas Rose). These well-known, Spring-flowering, hardy perennials thrive finely in any common soil, in a sheltered, semi-shady situation; 1 ft. Pkt.

- Niger.** White..... **66560** 10
- Mixed Hybrids.** Very fine..... **66570** 25

HIBISCUS

- Coccineus** (speciosus) (gS). Large rose-colored flowers..... **66645** 10
- Crimson Eye** (†hP). White and crimson; splendid in borders; 4 ft..... **66650** 10
- Golden Bowl** (hP). Very large flowers of a deep rich cream color, with velvety maroon center..... **66655** 10
- moscheutos roseus** (hP). Large rose-colored flowers; 4 ft..... **66670** 10

†**HONESTY** (*Lunaria biennis*). Hardy biennial, with silvery seed vessels; prized for Winter decorations; 2 ft. Pkt.

- Purple**..... **66920** 10

IMPATIENS—TOUCH-ME-NOT

- Holstii**, large vermilion flowers; quick grower, splendid..... **67060** 25
- “ **hybrida, Mixed.** Finest colors. **67070** 25
- Sultani.** Bright, rosy carmine; fine for pots..... **67080** 25
- “ **hybrida, Mixed.** Splendid mixture..... **67100** 25
- glanduligera** (tA). Purple flowers; bright foliage..... **67110** 10

†**IONOPSIDIUM** (Diamond Flower) (hhP).

- acaulis White.** Pretty..... **67180** 25
- “ **Lilac**..... **67185** 25

JACOB'S LADDER (*Polemonium*). Beautiful, old-fashioned, hardy perennial border plants; flowers in clusters; 2 ft. Pkt.

- Blue**..... **67650** 5
- White**..... **67660** 5

LATHYRUS latifolius (Perennial Pea) (hP).

These have not the fragrance of Sweet Peas, but bloom through a long season; are hardy and will live for years; they make a beautiful screen for rocks, stumps, fences, etc.; 4 to 8 ft. Pkt.

- Crimson.** Beautiful shade..... **68000** 10
- Pink Beauty.** Blossoms white, veined, edged and shaded pink..... **68010** 10

LATHYRUS—Continued Pkt.

- Mixed.** oz., 60c..... **68025** 10

LEPTOSYNE. Fragrant, half-hardy annuals; large Marguerite-like flowers on long stems, good for cutting; 1 to 2 ft. Pkt.

- maritima.** Yellow..... **68290** 10
- Stillmanii.** Golden yellow; blooms six weeks after sowing..... **68300** 10

LINUM (Flax). Pretty, free-flowering garden plants of easy cultivation. Pkt.

- perenne.** A graceful hardy perennial; color blue; 2 ft..... **68495** 5

LOBELIA

PERENNIAL VARIETIES—

cardinalis (Cardinal Flower). Standing bold and erect with its crimson-scarlet flowers, this handsome, native perennial Lobelia is invaluable for the border or grouping among evergreens; 2½ ft. **68780** 10

ramosa. Blue; flowers profusely in Fall; 1½ ft..... **68810** 10

Tupa. Flowers crimson, strong grower, perennial suitable for border; height 8 to 10 ft..... **68815** 15

LUPINUS

PERENNIAL VARIETIES. The hardy perennial varieties of the Lupines are extremely handsome and stately, bearing beautiful flowers of rose, white, blue and yellow in color, borne on erect, graceful spikes that are more than a foot in length. Pkt.

- Polyphyllus.** Blue..... **69200** 5
- “ **albus.** White..... **69210** 5

“ **Moerheimii.** Rose and white of rather dwarf habit; very beautiful. **69230** 25

“ **roseus.** Rose; magnificent..... **69240** 25

“ **Mixed**..... **69260** 5

tricolor elegans. Orange, rose and white..... **69280** 5

†**LYCHNIS.** Free-flowering, hardy perennials, with brilliantly colored flowers; excellent for massing in beds and borders. Pkt.

chalconica. Scarlet; 2 ft..... **69330** 5

“ **alba.** White..... **69340** 5

Arkwrightii, a cross between chalconica and Haageana; many new and lovely colors. If sown early will flower in Autumn; 1 to 2 ft..... **69370** 30

MALVA

moschata alba (musk mallow) (†hP). White, fragrant; 2 ft. **69500** 10

“ **rosea** (†hP). Rose-flowered variety; fine..... **69510** 10

†**MAURANDYA.** Rapid-growing, half-hardy perennial climbers that can be treated as annuals. Fine for garden or greenhouse; bloom all Summer in hanging baskets and vases or on trellises; 10 ft.

MAURANDYA—Continued		Pkt.
Barclayana. Blue.....	69880	10
" alba. White.....	69890	10
purpurea grandiflora. Purple..	69910	10
Mixed	69920	10
MIMOSA pudica (Sensitive Plant). A curious and interesting half-hardy annual, with pinkish flowers; leaves close when touched; 1½ ft. 70280 10		
† MIMULUS (Monkey Flower). Showy, half-hardy perennial; do best in a moist situation in the garden; easily grown; 1 ft. Pkt.		
cardinalis. Scarlet.....	70300	10
cupreus, Mixed	70310	10
moschatus (Musk Plant). Yellow; fragrant foliage.....	70320	10
" compactus. Yellow dwarf.	70330	15
tigrinus, grandiflorus (Queen's Prize). Large-flowered variety of above.....	70360	25

PANSY

(**VIOLA TRI-COLOR; HEARTSEASE**)

Our Strains Have Never Been Excelled

For very early outdoor bedding the seed is sown from August to October, in a cold-frame, or in rich, moist garden beds, from which the plants can be transferred to a cold-frame, setting them 2 to 3 inches apart each way before severe Winter weather begins. In Spring three-fourths of them can be lifted out for bedding and the rest left to bloom in the frame. For Winter blooming in a frame set the plants about twice as far apart, and thin out half of them in the Spring. Cover the blooming plants with sashes, adding a covering of matting or straw in very cold weather. In mild weather remove the mats and tilt the sashes to admit light, heat and fresh air. In outdoor beds, raised a few inches above the ground, with a mulch of dry leaves and some brush to hold them in place, Pansies will often Winter nicely and bloom until Midsummer, when a relay of young, vigorous plants should be ready to replace them. If they come into bloom in the heat of Summer, the flowers may be small at first, as the weather becomes cooler they will increase in size and beauty, and make a glorious show in the garden. Early Fall sowings give the finest flowers in Spring, and a bed of Pansies is one of the most beautiful sights a garden can show. *The higher-priced sorts produce the largest flowers and the most brilliant colors. This should be borne in mind when ordering.*

We do not sell less than ¼ ounce of a kind by weight.

	¼ Oz.	Oz.	Pkt.
Thorburn Superb. The richest and most choicely varied mixture possible. It produces only the finest colors, largest flowers and most beautiful forms.....	72030	\$2 25	\$8 00 \$0 25
Bugnot Superb Blotched. An exceedingly large, three-blotched strain,			

PANSY—Continued

	¼ Oz.	Oz.	Pkt.
with upper petals finely lined; great diversity of finest colors.....	72040	2 00	7 00 25
Cassier, Finest Mixed. Flowers of grand size, beautifully spotted.....	72050	2 00	7 00 25
Masterpiece. Curled, wavy petals; splendid colors; distinct....	72060	1 50	5 00 25
Madam Perret. A splendid giant-flowered strain comprising all shades of red from light rose to dark purple, some of them finely striped.....	72080	1 25	4 00 25
Parisienne, Mixed. Handsome, large-flowering strain.....	72120	1 50	5 00 25
Fine Large English. All colors mixed.....	72130	75	2 50 25
French. Large flowers, fine mixed.....	72135	1 00	3 50 25
Mixed. Ordinary strain.....	72140		10 25
Azure Blue. Very fine color....	72160		25
Black Blue. Dark velvety blue..	72170		25
Black (Faust; King of the Blacks). Almost coal black.....	72180		25
Bronze. Golden bronze.....	72190		25
Cardinal. Brilliant red; very fine.	72200		25
Coquette de Poissy. Distinct mauve, shading to white on petals.....	72210		25
Dark Blue	72215		25
Pale Bright Blue. Splendid; very showy.....	72240		25
Fairy Queen. Light blue, with white border.....	72250		25
Fire King	72270		25
Golden Queen. Pure Yellow (Yellow Gem).....	72290		25
Light Blue. Lovely sky blue....	72300		25
Lord Beaconsfield. Deep purple violet, shading to light blue.....	72310		25
Meteor. Bright yellow and brown, attractively blotched and margined.	72320		25
Odier, Five-blotched, Improved. Extra choice strain.....	72330		25
President Carnot. Pure white petals, each with a deep blotch.....	72360		25
Show Queen (Candidissima). Pure satiny white.....	72390		25
White, with black center. Very showy.	72410		25
Yellow, with Black Center. Splendid.	72420		25
Yellow, Golden, without eye, pure yellow.....	72435		25
TRIMARDEAU GIANT. This strain has remarkably large flowers, carried well above their leaves, and generally marked with large blotches; plants are extra vigorous and compact.			
			Pkt.
Giant Adonis. Light blue; white margin; splendid.....	72480		25
" Azure Blue (Light Blue). Pure color.....	72500		25

PANSY TRIMARDEAU—Continued

Giant Hortensia, Red. Splendid.	Pkt.
72530	25
“ Indigo Blue. Very rich color.....	25
72540	
“ Lord Beaconsfield. Lavender and purple.....	25
72550	
“ White.	25
72590	
“ White, with Dark Eye.	25
72600	
“ Yellow. Dark center.....	25
72610	
“ Pure Yellow (Golden Crest)	25
72620	
“ Mixed	25
72660	

NEW EARLY BLOOMING HARDY PANSIES

This new type of pansy is valuable on account of its hardiness and earliness. If given slight protection they will be found perfectly hardy in this latitude and even further north, beginning to bloom about the end of March. Flowers are very large and have a sweet perfume.

Celestial Queen. Beautiful light blue with yellow eye.....	Pkt.
72670	10
Ice King. Silvery white with dark blue blotches.....	10
72675	
March Beauty. Fine dark velvety blue with yellow eye.....	10
72680	
Winter Sun. Rich golden yellow with maroon blotches.....	10
72685	
Hymalis Mixed	10
72690	

‡ PASSIFLORA (Passion Flower).	Pkt.
cærulea (hhP). Blue.....	10
72780	
incarnata (hhP). Pink.....	10
72810	

PENTSTEMON. Beautiful herbaceous perennials; very hardy and free flowering; fine for beds and borders or rock gardens; excellent cut-flowers.

antirrhinoides. Lemon yellow; 1½ ft.	Pkt.
72870	25
centranthifolius. Bright scarlet; 2 ft.	25
72880	

‡**PHYSALIS Francheti** (Chinese Lantern Plant). A splendid hardy perennial, very ornamental; has large orange fruits which, dried, are beautiful in Winter bouquets; 2 ft.....

PHYSOSTEGIA (Obedient Plant). A valuable, Summer-flowering, hardy perennial border plant; delicate, white flowers on long stems; good for cutting; 3 ft.

grandiflora virginica. Rosy pink	Pkt.
74190	25
“ alba	25
74200	

PINKS

(**Dianthus**). In this large and greatly varied genus are some of our most beautiful and best-loved flowers, unsurpassed for color and fragrance. The hardy biennials bloom finely the first season, remaining green all Winter and blooming the next year also, if lightly protected. Old plants flower

PINKS—Continued

the earliest, but as young ones give the largest, finest flowers, sowings are made every year.

CHINENSIS (China or Indian Pinks). The flowers of all are double and showy.

Double White China Pink	Pkt.
74280	5
“ Mixed China Pinks. All best colors. ¼ oz., 25c; oz., 80c.....	5
74290	

HEDEWIGII (Japan Pinks). Unusually large and brilliant; often oddly edged, striped and ringed.

Single, The Bride (Little Gem). White, with purple center.....	Pkt.
74320	10
“ Crimson Belle. Flowers large and handsome; dark red; on long, stiff stems.....	10
74330	
“ Eastern Queen. Rose-colored flowers, 2 to 4 in. across; finely striped and stained.....	10
74340	
“ Queen of Holland. Splendid white.....	10
74350	
“ Mixed. ¼ oz., 25c.; oz., 75.	5
74360	
“ Mixed, Giant Flowered	10
74370	

Double, Mixed. A splendid assortment. ¼ oz., 40c.; oz., \$1.25.

diadematus fl. pl. (Diadem Pink). Double; magnificent in color and variety...	10
74390	
“ Fireball. Brilliant scarlet; very compact and floriferous vines; for massing.....	10
74400	

LACINIATUS, Fireball, fl. pl.....

Oriental Beauty. Petals wide, crinkled, richly marked with pink, white, etc.....	10
74440	
“ Single Mixed. Fringed flowers of all colors. ¼ oz., 50c.; oz., \$1.50.	10
74500	
“ Double Mixed. ¼ oz., 50c.....	10
74510	
“ Fringed Double Mixed.	10
74515	

IMPERIALIS FL. PL. (Double Imperial Pink). Robust, bushy grower, with large, double flowers.

Double, Mixed	Pkt.
74530	10

PLUMARIUS (Sweet May Pinks). These are fine, fragrant hardy perennials of the old-time gardens, still reckoned among the most beautiful for massing and cutting.

Pheasant's Eye. Pretty fringed flowers.	Pkt.
74600	5
semperflorens (Perpetual Pink). Double, semi-double and single; of various colors.	15
74630	

PLATYCODON (Wahlenbergia; Large Chinese Bellflower). Handsome, hardy perennials that do best in light, dry situations; bush

PLATYCODON—Continued

growth, bear large, bell-shaped flowers in great profusion. See cut.	
grandiflorum. Deep blue; 2 ft.	74800 Pkt. 10
“ album. White; 2 ft.	74810 Pkt. 10

See also *Campanula*.

†**POLYANTHUS** (*Primula elatior*). Fine Spring-blooming and free-flowering, hardy perennials; alike suitable to pot or garden culture; 9 in.

Mixed	74900 Pkt. 10
Large Flowered, Finest Mixed. Fine collection	74910 Pkt. 25
Gold-laced. Very attractive and showy.	74920 Pkt. 25

POPPY, Perennial Varieties

orientale. Enormous flowers of deep, flashing scarlet, with black spots in center; entirely hardy anywhere; fine for cutting; 3 ft.	74960 Pkt. 10
orientale. Mixed Hybrids. Finest shades	75010 Pkt. 10
nudicaule (Iceland Poppy). aurantiacum coccineum. Orange red. All of this class have crimped petals and peculiar grace	75040 Pkt. 10
“ Album. Pure white	75050 Pkt. 10
“ Mixed	75060 Pkt. 10

PRIMULA

CHINENSIS (Chinese Primrose) (gP). *Primula*, or Chinese Primrose, stands in the first rank among greenhouse plants, and is fine for Winter and Spring blooming. It is free flowering and is especially valuable for cutflowers and for house and window culture. A cool place suits it best. The plants must be well ventilated, well watered, and slightly shaded. Average height, 9 in.

fimbriata alba. White; fringed	75720 Pkt. 25
“ alba magnifica. Pure white; fringed; extra choice	75730 Pkt. 35
“ Bright Rose. Dainty fringed flowers	75740 Pkt. 35
“ coccinea. Bright red; fringed.	75750 Pkt. 35
“ cærulea. Blue, fringed	75760 Pkt. 35
“ kermesina splendens. Crimson; fine shade; fringed	75770 Pkt. 35
“ rubra. Red; gracefully fringed flowers	75780 Pkt. 25
“ Extra Fine Mixed. Fringed.	75790 Pkt. 25
“ filicifolia. All these are fringed and have fern-like foliage.	
“ alba. White	75810 Pkt. 50
“ Mixed	75830 Pkt. 50

PRIMULA—Continued

fimbriata plena. Beautifully fringed, double flowers.	Pkt. 50
“ rubra. Red	75870 Pkt. 50
“ alba. White	75880 Pkt. 50
“ Mixed	75890 Pkt. 50
stellata, Mixed (Star Primulas). Very floriferous	75910 Pkt. 50

OBCONICA (gP). For open border, also do well in the house window-garden. Continuous and free bloomers during the Winter months.

grandiflora hybrida, Mixed	76030 Pkt. 50
“ gigantea kermesina, carmine. Red	76080 Pkt. 50
“ gigantea rose.	76110 Pkt. 50
“ gigantea, Mixed. Giant flowering	76120 Pkt. 50

malacoides (gP). Dainty, soft lilac pink; fine for pot culture; 18 in.	76150 Pkt. 25
“ alba. Fine white	76160 Pkt. 25

HARDY VARIETIES. The hardy Primroses are among the most prized of our Spring-blooming plants. A slight protection, while not always needed, will be found beneficial; 1 to 1½ feet.

japonica (Japanese Primrose) (hP). Pkt.	
hybrida, Mixed (hP). From a fine collection	76230 Pkt. 25
vulgaris (hP) (English Primrose). Yellow, fragrant; a favorite variety; 6 in.	76250 Pkt. 10

PYRETHRUM. Showy, hardy perennials growing 2 ft. in height, with most brilliant and lasting flowers. The dwarf Golden Feather is the well-known variety used for carpet bedding, edgings and borders. Pkt.

roseum hybridum, Single, Mixed.	76400 Pkt. 10
“ hybridum, Double, Mixed.	76410 Pkt. 25

†**parthenifolium aureum** (Golden Feather). Yellow, fern-like leaves; fine for edgings; 6 to 8 in.

REHMANNIA angulata. Splendid, half hardy, herbaceous perennials, with beautiful, large, rosy purple flowers, similar to those of *Incarvillea Delavayi*. For pot culture or outdoors in sheltered situations; 3 ft.

RHODENDRON arboreum hybridum. The well-known, hardy evergreen shrub. Mixed varieties; 10 ft.

ROCKET (Sweet Rocket; *Hesperis*). Spring flowering, hardy herbaceous perennials; fragrant; easily grown in light soil; transplant frequently; very free blooming.

matronalis. Purple; 3 ft. ¼ oz., 20c; oz., 50c	76880 Pkt. 5
“ alba. White; fine cut-flower; 3 ft.	76890 Pkt. 5
“ Mixed	76910 Pkt. 5

RUDBECKIA (Coneflower). Pkt.
hirta hybrids, new. Hardy, dwarf perennial, with double, semi-double and single flowers of all shades; red, mahogany, chocolate, with purple or yellow centers..... **77940** 25
 erect grower; 3 ft..... **77969** 10

SCABIOSA (Mourning Bride).
caucasica (Blue Bonnet). (hP). This hardy perennial should be in every garden. The flowers are large and semi-double, of pale lavender color, growing on long stems; splendid for cutting **77590** 10

SCIZANTHUS. Very beautiful and showy, hardy annuals, fine for beds and borders in the Summer garden; grown in pots in early Spring in the greenhouse they become elegant foliage plants, with masses of flowers; ½ to 2 ft. Pkt.

Wisetonensis. Light shades; long and profuse blooming; fine pot-plant. **77810** 25
Mixed...... **77840** 5

‡ **SMILAX** (*Myrsiphyllum asparagoides*). A well-known greenhouse climber, with small, dark-green foliage; of great value in floral work; 8 ft..... **78050** 10

SNAPDRAGON

(*Antirrhinum*.) The Snapdragon is one of our finest perennials, flowering the first year from seed. Its bright-colored, curiously formed flowers always excite interest. The rich spikes are beautiful for cutting, and keep fresh a long time. Flower profusely through Summer until frost. For early flowers, sow under glass in February or March, and transplant into beds of warm, dry soil moderately enriched. The Snapdragon is treated as an annual and the seed sown every year. Average height, 2 ft.

TALL VARIETIES— Pkt.
alburn. White..... **78089** 5
atrococcineum. Dark scarlet.... **78090** 5
Coral Red...... **78095** 10
Cottage Maid. Handsome pale pink with white throat..... **78098** 10
luteum. Yellow..... **78130** 5
Mixed. ¼ oz., 30c; oz., \$1.00... **78160** 5

TALL, LARGE-FLOWERING VARIETIES
Blood Red. Fine color..... **78170** 10
Delilah. White and carmine..... **78180** 10
Feltham Beauty. Long spikes of enormous deep rose-pink blooms with white center..... **78185** 25
Firefly. Scarlet and white..... **78190** 10
Galathee. Crimson and white..... **78200** 10
Nelrose. Silvery pink, very long stems, fine for greenhouse..... **78205** 30
Orange Beauty. Very large flowering, lovely orange, scarlet with gold tip. **78268** 25

SNAPDRAGON—Continued Pkt.
Queen Victoria. Pure white..... **78210** 10
Venus. Delicate pink, with white throat. **78225** 15
White. Beautiful for cutting..... **78230** 10
Yellow. A pure, soft color..... **78240** 10
Large-flowered, Mixed. Fine. ¼ oz., 40c.; oz., \$1.50..... **78270** 10

SEMI-DWARF VARIETIES. Plants of this section make excellent bedders, as they bloom extra profusely and are only about 15 in. high. Pkt.
Black Prince. Nearly black..... **78310** 10
Crimson King. Bright crimson; a deeper color than Scarlet King..... **78340** 15
Golden Beauty. Large sturdy spikes, rich golden yellow..... **78345** 25
Fire Semi-dwarf Mixed..... **78400** 10
Tom Thumb, Finest Mixed. Very dwarf strain; 6 in..... **78410** 10

STOCKS

(*Matthiola*.) Stocks have good habit, fine leaves, beautiful and fragrant flowers, a long season of bloom and adaptability to many conditions of culture. They are unsurpassed for bedding, edging, pot culture and for cutting.

TEN WEEKS. Half-hardy annuals. Pkt.
Large-flowering Dwarf Pyramidal.
Finest Mixture..... **78840** 25
Dwarf Large-flowering. Long, splendid spikes; large, double flowers.
Blood Red. Very rich..... **78880** 10
Rose. Very dainty, light color.... **78940** 10
Snow White..... **78950** 10
Violet..... **78960** 10
Mixed..... **78980** 10

DRESDEN PERPETUAL OR BRANCHING. Pkt

“Cut-and-Come Again” (“Princess Alice”), **White.** Profuse and perpetual-blooming; double, white flowers, fine for cutting..... **79000** 25
Empress Augusta Victoria. Delicate silvery lilac flowers in magnificent trusses; of true pyramidal growth; height 24 in..... **79010** 25
Mixed..... **79020** 25

WINTER “NICE” VARIETIES

LARGE-FLOWERING—
Beauty of Nice. Flesh-color; extra-large flowers..... **79320** 25
Queen Alexandra. Rosy lilac.... **79350** 25
Mixed..... **79370** 25

STOKESIA (Cornflower Aster). This popular hardy perennial bears, all Summer, large, attractive flowers resembling semi-double Asters; fine for cut-flowers; 2 ft. Pkt.

Cyanea. Lavender-blue; handsome. **79610** 10

SWEET WILLIAM

(**Dianthus Barbatus.**) The splendid old-fashioned hardy perennial, producing large heads of beautifully colored, sweet-scented flowers in abundance; easily grown, flowering the second year from seed; ½ ft.

	Pkt.
Single Pink Beauty (roseus). Rosy chamois.....	79940 15
“ Scarlet Beauty. Brilliant scarlet; very fine.....	79950 15
“ Mixed. ¼ oz., 20c.; 1 oz., 50c.	79970 5
Double Mixed.	80010 10
Giant Double and Single Mixed. ¼ oz., 20c.; 1 oz., 50c.....	80020 10

†**VALERIANA (Valerian).** Very handsome hardy perennials that have been too much neglected; bloom all Summer. Fine for borders, wild gardens and rockwork; of easiest culture; 2 ft.

	Pkt.
alba. White.....	80460 5
rubra. Red.....	80470 5

VERONICA (Speedwell), Mixed Perennial Species. Splendid, hardy border plants of the easiest culture; bear bright-colored flowers all Summer; 1 to 2 ft.....

	80890 10
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VIOLET, Sweet Scented (Viola odorata) (hhP). Much prized for Spring blooming. All the varieties have great beauty, are very fragrant and quite hardy; 6 in. Violet seed takes a long time to germinate.

Blue	81000 10	Pkt.
White	81020 10	

†**VIOLA cornuta (Tufted Pansies) (hhP).** Splendid free-blooming plants for partially shaded situations; with a little Winter protection will be permanent for years; bloom continually all the season until frost; 6 in.

cornuta, Purple Queen	81040 10	Pkt.
“ Mixed	81065 10	
pedunculata (California Yellow Violet).	81070 25	

WALLFLOWER

(**Cheiranthus Cheiri.**) Well-known, half-hardy perennials of delightful fragrance, bearing in Spring and early Summer long spikes of bright flowers. Fine also for blooming in greenhouse; 2 ft.

SINGLE-FLOWERING VARIETIES.	Pkt.
Dark Blood-Red	81230 10
Eastern Queen. Very distinct shade, bright chamois, changing to salmon red.....	81240 10
Feltham Early. Large; brown-red; fine.	81250 10
Golden King. Very large, golden yellow flower.....	81260 10
Linnaeus. Fine; white.....	81265 10
White Dame. Large, creamy white flowers of dwarf, compact habit.....	81290 10
Fine Mixed. Very showy mixture.....	81320 5

DOUBLE-FLOWERING VARIETIES.	
Double Tall Branching, Mixed. 2 ft.	81370 25
Double Dwarf Branching, Mixed. 1 ft.	81390 25



CHOICE VEGETABLE SEEDS

Beet		Pkt.	Oz.	¼ lb.
Crimson Globe. Tender and sweet.....	\$0 05	\$0 20	\$0 60	
Detroit, Dark Red Turnip	05	20	60	
Dewings, Early	05	20	60	
Eclipse, Early Round, bright red.....	05	20	60	
Edmand Blood Turnip ...	05	20	60	
Early Blood Turnip	05	20	60	
Egyptian. Extra early; flat.....	05	20	60	
Long Blood	05	20	60	
Trevise (Columbia)	05	20	60	
Swiss Chard	05	25	75	

Cabbage		Pkt.	Oz.	¼ lb.
Early Winningstadt	10	60	2 00	
Early Jersey Wakefield ..	10	60	2 00	
Large Flat Dutch, Thorburn's Private Stock.	10	60	2 00	
Schweinfurt Drumhead Late	10	60	2 00	
Fottlers Brunswick	10	60	2 00	
Late Drumhead Savoy ...	10	60	2 00	

Cauliflower		Pkt.	Oz.	¼ lb.
Thorburn's Gilt Edge ...	50	7 00		
Thorburn's Extra-Early Snowball	50	7 00		
Large Early Snowball ...	50	7 00		
Danish Giant, or Dry Weather	50	7 00		
Italian Giant	10	60	2 00	
Lenormand short stem ..	10	75	2 25	
Early London	10	75	2 25	

Egg Plant		Pkt.	Oz.	¼ lb.
Round Purple	\$0 15	\$0 75		
New York Purple	15	75		
Long Purple	15	60		
Florida High Bush	15	60		

Endive		Pkt.	Oz.	¼ lb.
Large Green Curled (De Ruffec)	\$0 05	\$0 20	\$0 50	
White Curled	05	20	50	
Giant Fringed or Oyster	05	20	50	
Escarole	05	20	50	

Kohlrabi		Pkt.	Oz.	¼ lb.
Early White Vienna	10	35	1 00	

Lettuce		Pkt.	Oz.	¼ lb.
Big Boston	05	20	60	
Denver Market	05	20	60	

Lettuce		Pkt.	Oz.	¼ lb.
Giant Crystal Head	\$0 05	\$0 20	\$0 60	
Orchid Salad	05	15	50	
White Summer Cabbage	05	20	60	
Iceberg	05	20	60	
Wayahead	05	20	60	
Romaine, or Cos	05	20	65	
Red Cos	05	20	60	

Onion		Pkt.	Oz.	¼ lb.
White Barletta	\$0 10	\$0 60	\$2 00	
White Bermuda (Yellow) , (Teneriffe grown).....	10	60	2 00	
White Bermuda (True Crystal Wax) , (Teneriffe-grown).....	15	70	2 25	
Red Bermuda	10	60	2 00	
White Portugal	10	60	2 00	
Red Wethersfield	10	50	1 50	

Parsley		Pkt.	Oz.	¼ lb.
Extra Curled	05	15	50	
Plain	05	10	35	

Radish		Pkt.	Oz.	¼ lb.
Turnip, Early Scarlet ...	05	15	40	
Turnip, Early Scarlet White Tipped	05	15	40	
Winter Scarlet Chinese ..	05	20	50	
Half Long Gray Spanish	05	20	50	
Round Black Spanish ...	05	20	65	
White Strasburg	05	15	50	

Spinach		Pkt.	Oz.	¼ lb.
Round Viroflay	05	10	30	
Bloomdale Savoy	05	10	30	
Prickly or Winter	05	10	35	
New Zealand	05	20	50	

Turnip		Pkt.	Oz.	¼ lb.
Red Top White Globe ...	05	20	50	
Red Top Strap Leaf	05	15	40	
Golden Ball	05	20	50	
Kashmyr Scarlet	05	20	50	
White Rutabaga	05	20	50	
Champion Purple - top Rutabaga	05	20	50	

Mushroom Spawn
 Cultural Directions in our General Catalogue. Anyone requiring fuller details should get Wm. Falconer's book on Mushroom Culture, sent postpaid for \$1.00.
English Spawn. In bricks, weighing about 1½ pounds. Per brick, 25 cts.; 10 bricks, \$2.25; 100 bricks, \$18.00.
American Pure Culture Spawn. Direct bricks, latest strain, weighing about 1 pound. Per brick, 30 cts.; 10 bricks, \$2.75; 100 bricks, \$25.00.
French Spawn. per 2 pound box, \$1.25.

**INSECTICIDES AND
REMEDIES FOR PLANT
DISEASES**

**PRICES SUBJECT TO CHANGE WITHOUT
NOTICE**

Liquids, Poisons, and a few strong smelling articles cannot be sent by Parcel Post. Add postage at zone rates.

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, etc. Use one part to forty of water. Does not injure the most tender plants.

1/4 Pt.....\$0 25	Pt.....\$0 65
1/2 Pt.....40	Qt.....1 00

ARSENATE OF LEAD. Paste. Does not injure tender foliage.

Lb.....\$0 30	5 Lbs.....\$1 30
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BORDEAUX MIXTURE. For all fungous diseases.

Dry—

1 Lb.....\$0 45	5 Lbs.....\$1 75
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Liquid—

Qt.....50	Gal.....1 50
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COPPER SOLUTION, Ammoniated.

Qt.....\$1 25	Gal.....\$3 25
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Eureka Fumigator.

No. 2.....\$2 75	No. 3.....\$3 25
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FIR-TREE OIL. For greenhouse and house plants. Destroys insects without injuring plant.

1/2 Pt.....\$0 75	Qt.....\$2 25
Pt.....1 25	1/2 Gal.....4 00
Gal.....7 00	

FIR-TREE OIL SOAP.

1/2 Lb.....\$0 30	2 Lb.....\$0 85
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FISH-OIL SOAP. For washing trees and destroying all insects on the bark.

1 Lb. box.....\$0 25	10 Lbs.....\$2 20
5 Lbs.....1 20	100 Lbs.....20 00

FUMIGATORS.

Each.....\$0 60

FUNGINE.

Pt.....\$0 65	Qt.....\$1 00
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GRAPE DUST, Hammond's. For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows.

5 Lb. pkg....\$0 90	10 Lb. pkg....\$1 40
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KEROSENE EMULSION. For cabbage worms, scale on trees, caterpillars, melon lice, rose bugs, etc. Dilute twenty-five to fifty parts.

Qt.....\$0 55	1 Gal.....\$1 50
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NICO-FUME TOBACCO PAPER. For fumigating. Does not injure blooms. In tins.

24 sheets....\$0 85	144 sheets....\$4 00
288 sheets....7 50	

NICO-FUME LIQUID. For fumigating or spraying. Effective against green fly, mealy bug, etc. For spraying, one to two teaspoonsfuls to a gallon of water.

1/4 Lb.....\$0 50	4 Lbs.....\$5 50
Lb.....1 50	8 Lbs.....10 50

SCALECIDE. Petroleum oil that mixes at once with cold water and stays mixed. No hot water necessary.

Qt.....\$0 65	Gal.....\$1 50
5 Gals.....5 30	

SULPHUR, POWDERED. Protects against mildew on grapes, roses, etc.

Lb.....\$0 15	10 Lbs.....\$1 00
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SULPHO-TOBACCO SOAP.

3 Oz. box....\$0 10	8 Oz. box....\$0 20
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TOBACCO DUST.

Ordinary Kind. For dusting.

Lb.....\$0 10	10 Lbs.....\$0 60
5 Lbs.....35	100 Lbs.....3 50

Stoothoff's "Black Stuff." For dusting.

50 Lbs.....\$3 00	100 Lbs.....\$5 00
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Stoothoff's "Fumigating Kind." For burning.

50 Lbs.....\$3 00	100 Lbs.....\$5 00
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TOBACCO STEMS. For fumigating plants. In bales only of about 100 pounds.

Per 100 Lbs.....\$2 75

X-L-ALL LIQUID INSECTICIDE.

Pt.....\$1 25	Qt.....\$2 00
1/2 Gal.....3 50	

**THORBURN'S HIGH GRADE
FERTILIZERS**

All f. o. b., N. Y.

Thorburn's Complete Manure

Per ton.....\$50 00	50 Lbs.....\$2 00
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Single bag of

100 Lbs.....3 50	25 Lbs.....1 25
Bag of 200 Lbs. 6 50	10 Lbs.....60

Thorburn's Lawn Fertilizer

Per ton.....\$70 00	50 Lbs.....\$2 25
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Bag of 100 Lbs. 4 00	25 Lbs.....1 30
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Bag of 200 Lbs. 7 75	10 Lbs.....80
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Pure Ground Bone Meal, No. 1

5 Lbs.....\$0 50	50 Lbs.....\$2 25
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10 Lbs.....80	100 Lbs.....4 00
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25 Lbs.....1 30	Per ton.....70 00
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Ground Bone No. 2

100 Lbs.....\$ 5 00	1/2 Ton.....\$38 50
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1/4 ton.....20 00	Ton.....75 00
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THOMPSON'S VINE MANURE. Unrivalled for vines, tomatoes, cucumbers, fruit trees, and all foliage, flowering and fruit-bearing plants and outdoor plants of every description.

Splendid for lawns, etc.

Per cwt. (112 Lbs.).....\$8 00

1/2 cwt (56 Lbs.).....4 50

BOWKER'S AMMONIATED FOOD FOR FLOWERS. The best dressing for potted plants.

Small pkg...\$0 25	Large pkg....\$0 35
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HARD-WOOD ASHES. Highest grade, extra screened, unleached.

Per 100 Lbs..\$2 00	Per ton.....\$35 00
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Pulverized Sheep Manure

1 Lb. pkg....\$0 15	50 Lbs.....\$ 2 00
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5 Lb. pkg...50	100 Lbs.....3 00
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25 Lbs.....1 25	Ton.....50 00
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Agricultural Salt

For Asparagus Beds, etc., in bags of about 200 pounds—not less than one bag sold. \$3.00.

Pulverized Limestone

Made from the Purest Crystalline White Limestone obtainable, and analyzes about 97 per cent Carbonate.

Per 100 Lbs..\$2 00	Per 1/2 Ton..\$11 00
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Per ton.....20 00

HORTICULTURAL IMPLEMENTS, ETC.

Prices Subject to Change.

Flower or Tree Tubs

New York Style Tree Tubs. Made of clear timber. Painted green.

Flower Vases. Indurated wood-fibre; for cut-flowers.

Atomizer "Woodason Liquid."

Large, each...\$2 75 | Small, each...\$2 25

Bamboo Canes, Japanese. 6 feet long. Not less than 100 sold. per 100...\$1 75

Carnation Supports. Galvanized.

Hyacinth Glasses, Tall or Tye's Shape.

Blue Green and Purple. Either style, 25c each; per doz...\$2 50

LABELS—Wooden Pot and Garden.

Wooden Notched Tree

3½-inch copper wire.

Mastica. For glazing greenhouses, sashes, etc.

Mastica Glazing Machines.

Raffia, for tying, price variable. At present, 50c per lb.

Rakes. All kinds. See General Catalogue.

Glass Cutters.

SHEARS.

Wiss' Solid Steel Pruning. The best

American shear. Detachable blade.

9 inch...\$3 00

10 inch...3 25

Syringes—all Brass. \$2.75 to \$8.50 each.

Sprinklers for Lawns.

Ring Sprinkler.....\$0 85

Water Witch No. 3.....55

Water Witch, No. 4.....1 20

Sprinklers.

Hotchkiss Lawn No. 55. Made of brass; nickel-plated; malleable iron runners; 3 arms.

Covers an area 30 feet in diameter. \$1.50 each.

Hotchkiss Lawn Sprinkler No. 65. Combination sprinkler and fountain.

Brass and nickel-plated malleable iron runners. Covers an area of 40 feet in diameter. \$2.25 each.

Shower Sprinkler. Mounted on holder for sprinkling lawns—or can be attached to hose for washing sidewalks, etc. Cannot clog or get out of order; will not rust. \$2.50 each.

Thermometers. Hotbed and mushroom bed.

Brass tips; made for plunging. Best grade, \$2.25; ordinary wood, \$1.50; all metal, cannot break or rust, \$2.25.

Trowels, solid steel.

5 inch.....\$0 55

6 inch.....60

7 inch.....65

Watering Pots, French Model. 6 to 12 qts, \$3.75 to \$5.00. The "Philadelphia," 6 to 12 qts., \$3.25 to \$4.75. Prices fluctuate.

Rubber Hose

(Three-quarter inch)

Our hose is carefully selected, made of first-class material, and coupled at both ends, in 25- or 50-foot lengths.

Electric. 23c per foot.

Thorburn Standard.

X. 6-ply. Per ft.....\$0 21

XXX. 7-ply. Per ft.....24

Bucket Spray Pump

Made of brass; easily operated; throws a solid stream 50 feet. Provided with combination nozzle and sprinkler for flowers, \$4.75. 8-foot extension for spraying large trees, 80c extra. Also valuable for washing windows.

"Compressed Air-Spray" Pumps

Self-operating, durable, easy to carry and to work. Made of galvanized iron or brass, with 4-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc. Brass tank, \$10.00; galvanized tank, \$8.00. Brass extension pipe, 2-ft., 70c.

The Thorburn Century Ball-Bearing Lawn Mower

Thorburn's Century Ball-Bearing Lawn Mower.

While cheaper mowers are sold all over, they will be found far dearer in the end. It pays to get a good mower.

Net Prices

	Each
14-in. cut.....	\$12 00
16-in. cut.....	13 00
18-in. cut.....	14 00
20-in. cut.....	15 00

Lawn Trimmer

8-inch.....\$8 00

All Prices Subject to Change without notice. Prices given on application for any articles not quoted.

LAWN GRASS SEED MIXTURES FOR AUTUMN SOWING

Autumn sowing is recommended from the latter part of August to the middle of September, so that the young grass may become well rooted before winter sets in. The sowing should be done when the ground is moist or before expected rain; after sowing the ground should be rolled.

Prices of all Lawn Grasses include free delivery in the United States, by Freight, Express, or Mail at our option.

The Thorburn Lawn Grass

Many of the finest lawns in America were produced from this mixture. It is composed of permanent grasses that make a finer and thicker turf the older they become, and yet give a rich greensward in three or four weeks from the time of sowing. (The ordinary Central Park Lawn Grass Seed as usually sold is not to be compared with this superior mixture.) It should be sown at the rate of 80 to 100 pounds to the acre. One pound of our Lawn Grass will sow a plot of 400 or 500 square feet.

½ Lb.....\$0 30	10 Lbs.....\$3 50
1 Lb.....55	25 Lbs.....8 00
2½ Lbs.....1 00	100 Lbs.....30 00
5 Lbs.....2 00	

Thorburn's Grass Mixture for Shady Spots on Lawns

A mixture of grasses that thrive in shaded situations under trees, or close to walks where there is little sun.

1 Lb.....\$0 60	10 Lbs.....\$4 00
2 Lbs..... 1 10	25 Lbs..... 9 00
5 Lbs..... 2 25	100 Lbs.....33 00

Thorburn's Grass Mixture for Terraces

A mixture of fine stoloniferous grasses peculiarly adapted to terraces.

1 Lb.....\$0 60	10 Lbs.....\$4 00
2 Lbs..... 1 10	25 Lbs..... 9 00
5 Lbs..... 2 25	100 Lbs.....33 00

Thorburn's Lawn-Restoring Grass Seed

A mixture of grasses that will take firm hold and grow quickly on hard, worn-out or burned spots. Some **Lawn-restoring Grass Seed** should be sown before every summer rain on thin places.

1 Lb.....\$0 65	10 Lbs.....\$4 50
2 Lbs..... 1 25	25 Lbs.....10 00
5 Lbs..... 2 50	100 Lbs.....37 00

Thorburn's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought, and that are, therefore, peculiarly adapted to southern lawns.

1 Lb.....\$0 65	10 Lbs.....\$4 50
2 Lbs..... 1 25	25 Lbs.....10 00
5 Lbs..... 2 50	100 Lbs.....37 00

Also Permanent Grass Seed for Golf Links, Tennis Courts, Polo Grounds, Etc.

We have devoted much attention to the seeding and preservation of golf links, tennis-courts and polo-grounds, and offer the following mix-

tures, which have been used on most of the finest links, etc., in this country with very satisfactory results.

Bags (at cost) and Transportation Extra

Tennis-Court Mixture

A mixture of extra-fine grasses peculiarly adapted to tennis-courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with trampling.

1 Lb.....\$0 60	10 Lbs.....\$4 00
2 Lbs..... 1 10	25 Lbs..... 9 00
5 Lbs..... 2 25	100 Lbs.....33 00

Grass Mixture for Railroad Banks, Etc.

A mixture of grasses with long, interlacing, matting roots that will bind steep embankments, gravelly or sandy slopes, etc., preventing wash-outs by rainstorms and covering them with permanently green turf.

1 Lb.....\$0 55	10 Lbs.....\$3 50
2 Lbs..... 1 00	25 Lbs..... 8 00
5 Lbs..... 2 00	100 Lbs.....30 00

Fair-Green or Golf Links Mixture

For the grounds in general.
25 Lbs.....\$9 00 | 100 Lbs.....\$35 00

Putting-Green Mixture

A mixture of extra-fine highest grade grasses that will make a close, firm, green and lasting turf, which will improve with trampling.

5 Lbs.....\$2 50	25 Lbs.....\$11 00
10 Lbs..... 4 50	100 Lbs..... 40 00

Polo-Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage.

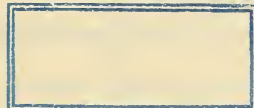
25 Lbs.....\$9 00	100 Lbs.....\$35 00
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Please notice that our prices are quoted at the lowest New York figures, and do not include the payment of express charges or postage except for seeds, in packets, ounces or $\frac{3}{4}$ lbs. on which we pay postage and expressage.

If large quantities are ordered to be sent by mail, add postage at some rates.



J. M. THORBURN & CO.

53 BARCLAY STREET, through to 54 PARK PLACE, NEW YORK

Name.....

Please forward by.....
(State here if wanted by Express, Freight or Mail.)

Post Office.....

Express Office (if different from P. O.).....

Amount Enclosed, \$..... State.....

Date..... 19.....

Messrs. J. M. Thorburn & Co. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. M. THORBURN & CO.

QUANTITY	ARTICLES WANTED	PRICE

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J. M. THORBURN & CO.

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SEEDS

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